

FIG.1

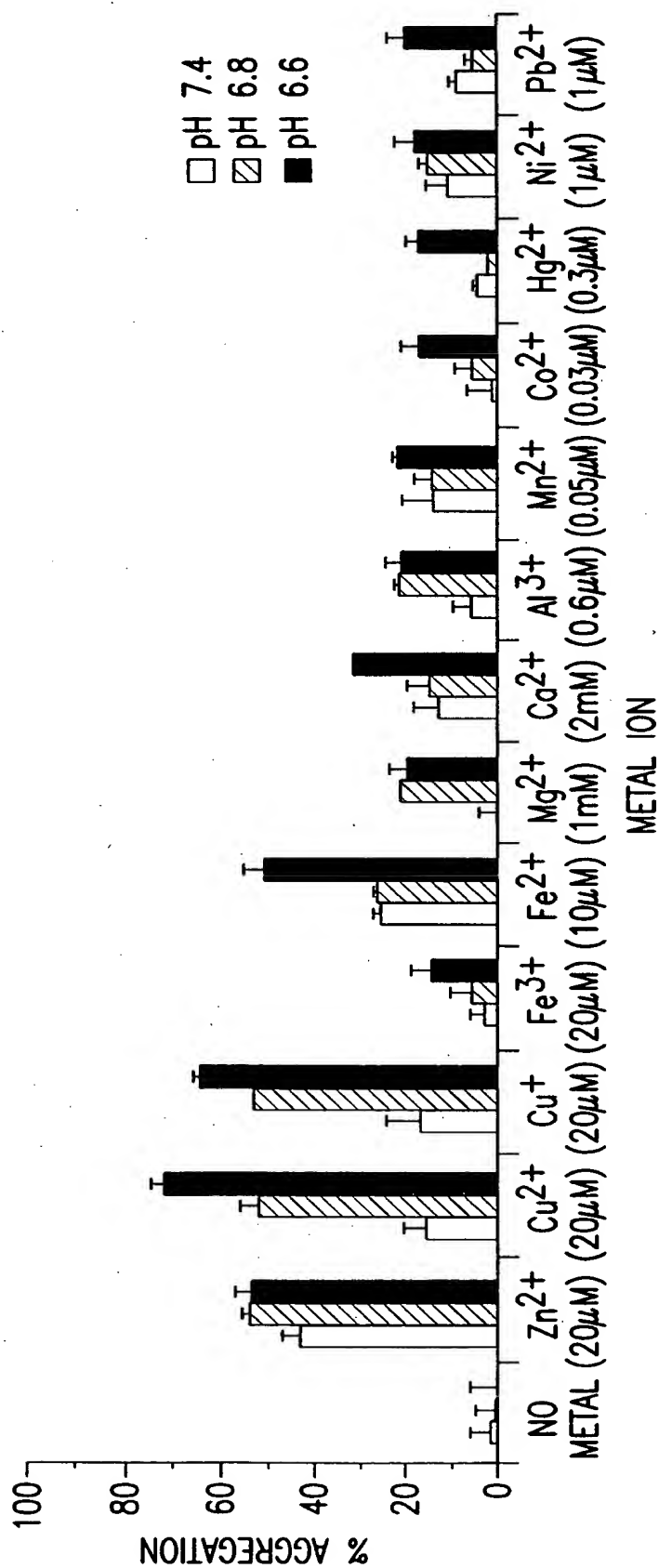


FIG.2A

App. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Diseases

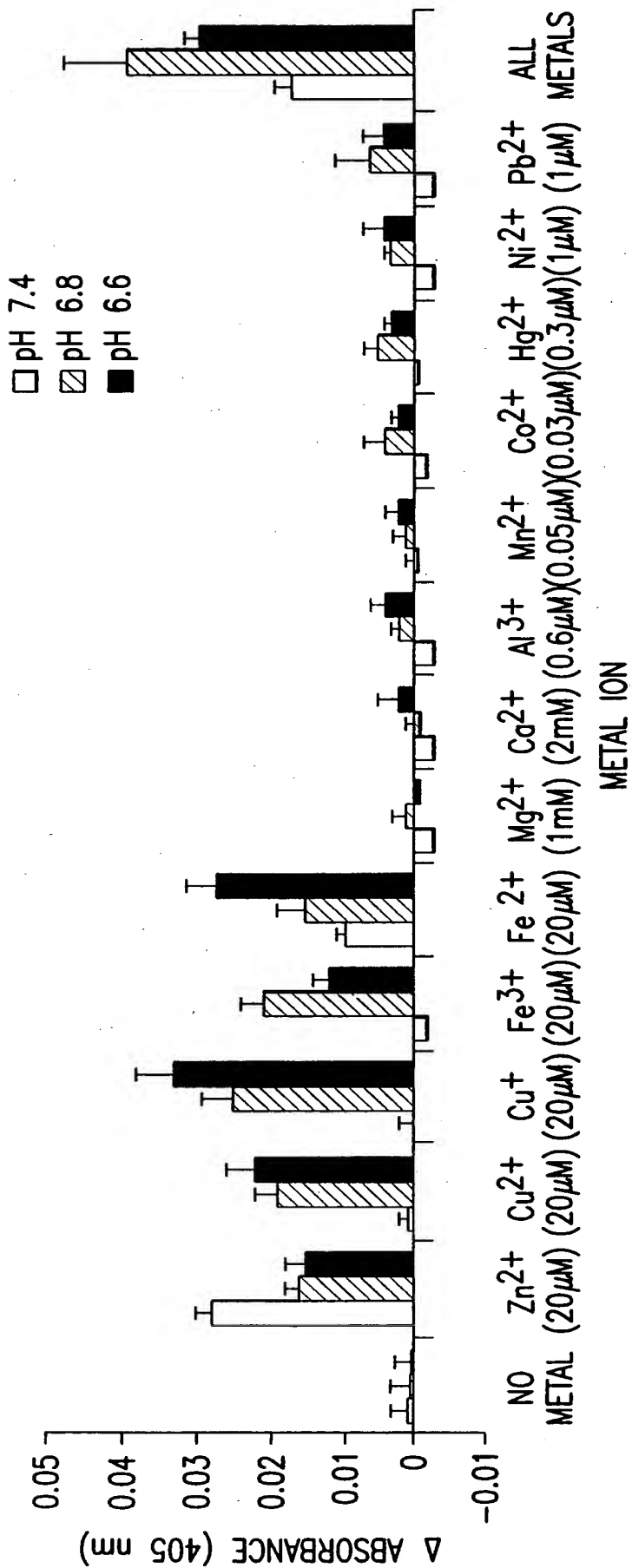


FIG.2B

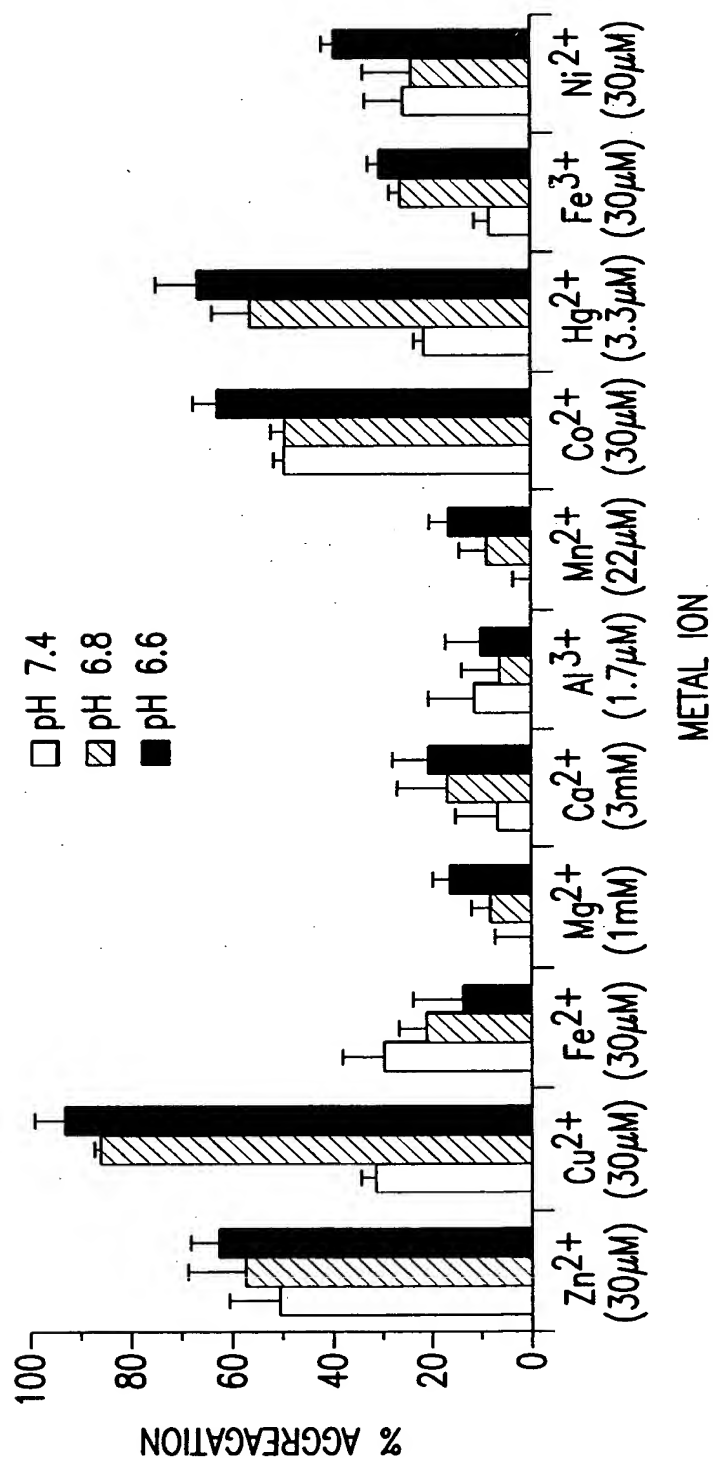


FIG.2C

206070-08695660

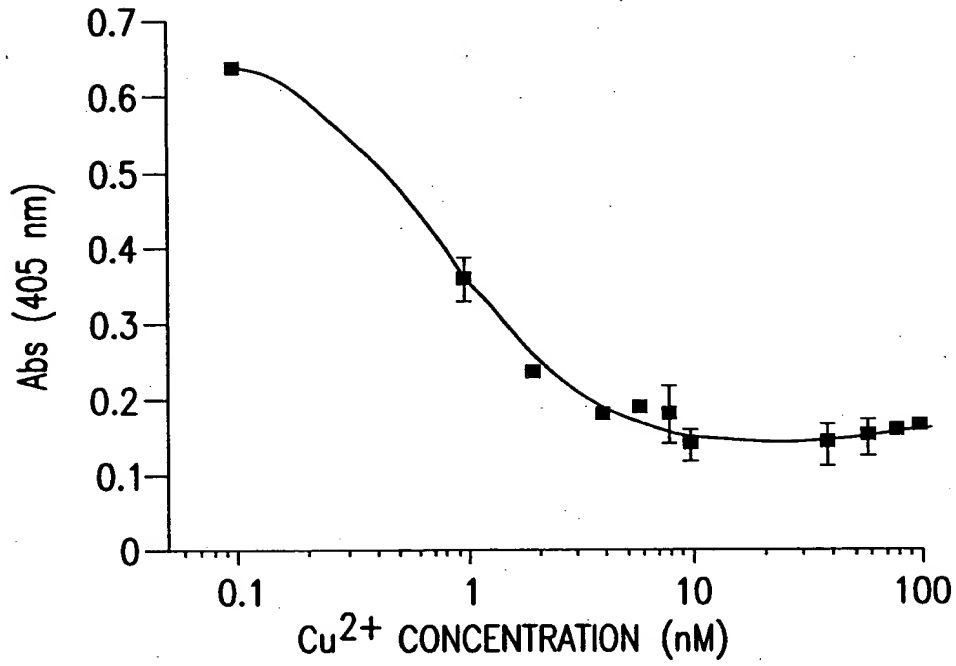


FIG.3

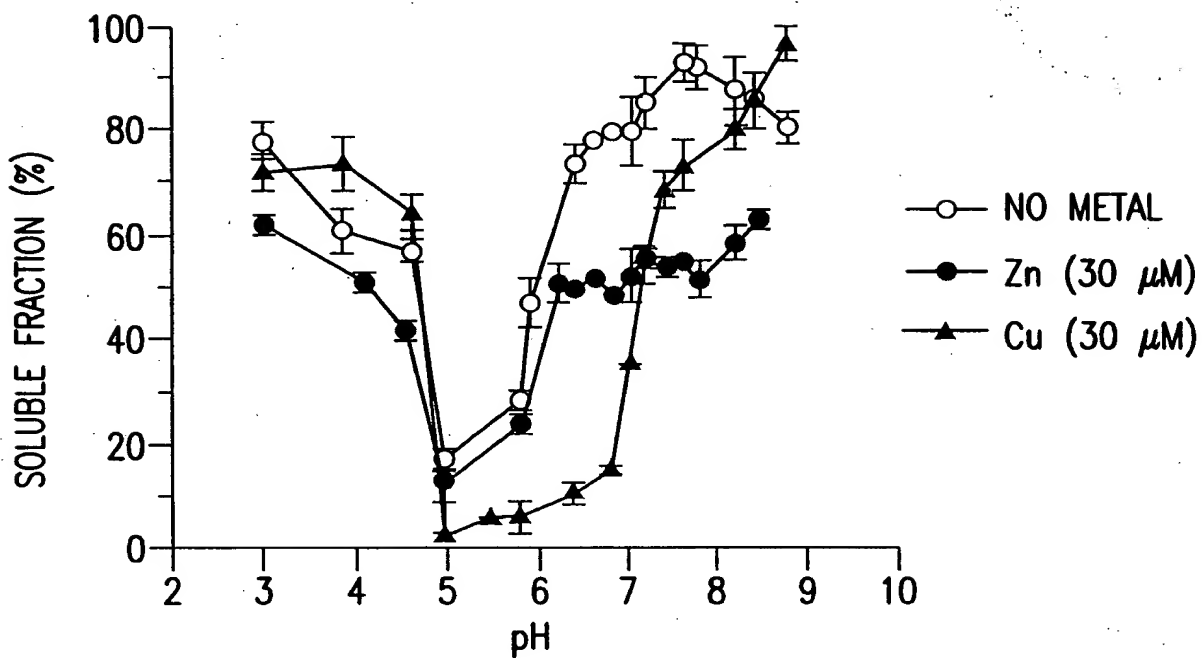


FIG. 4A

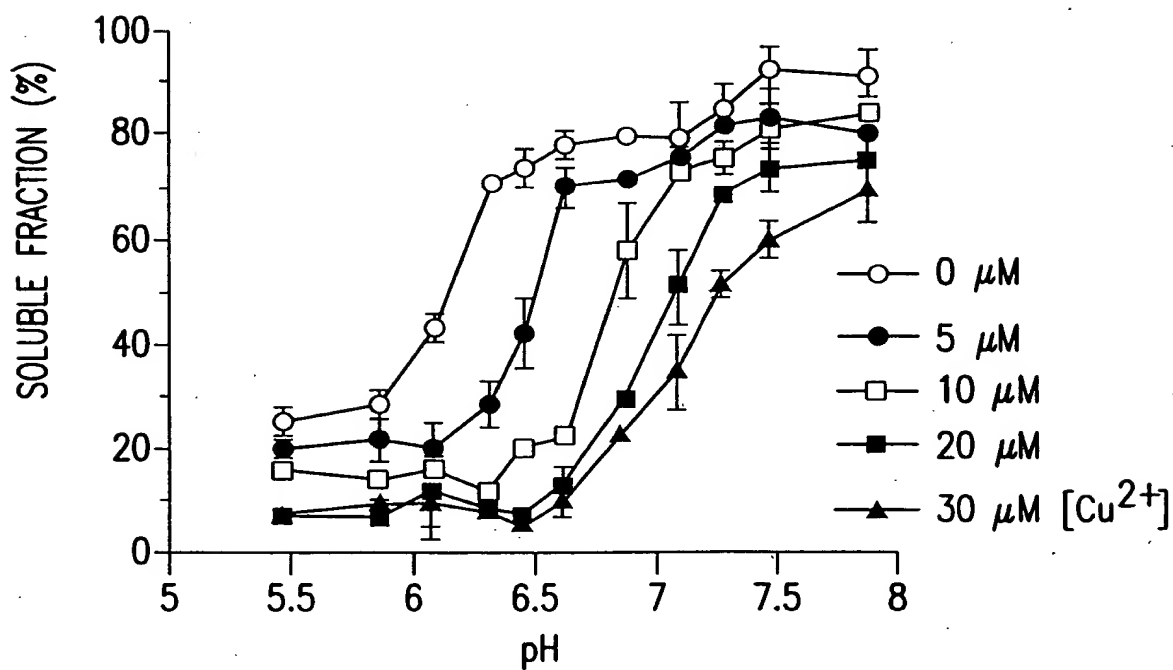


FIG. 4B

202010-03695660

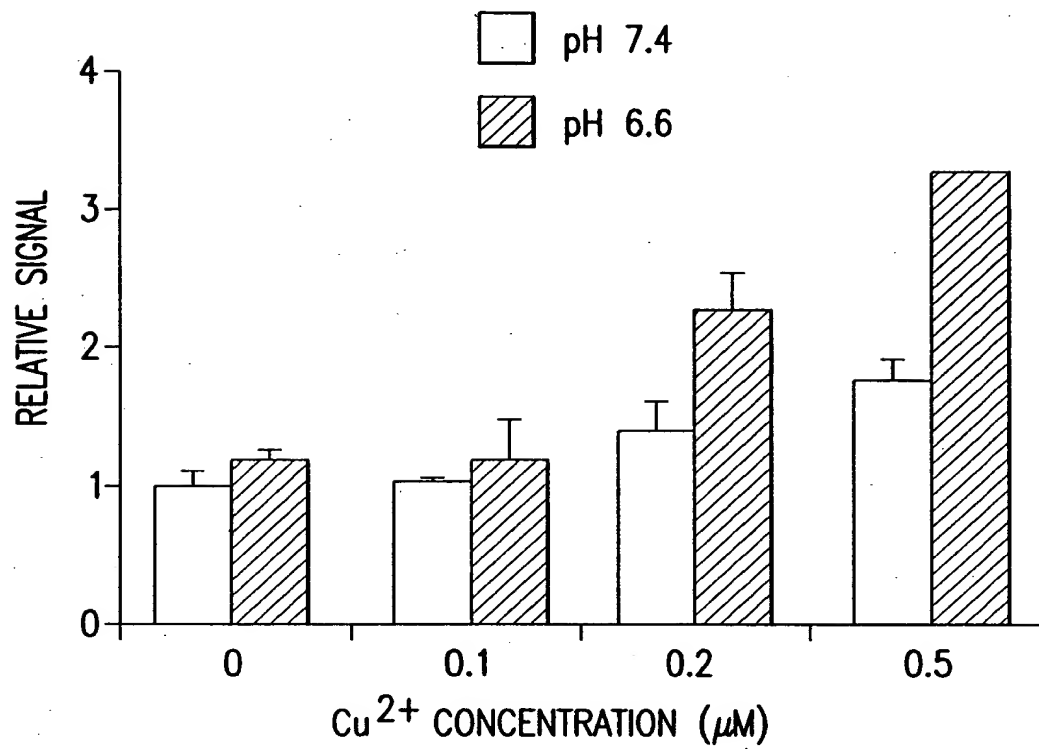


FIG.4C

206070-08695660

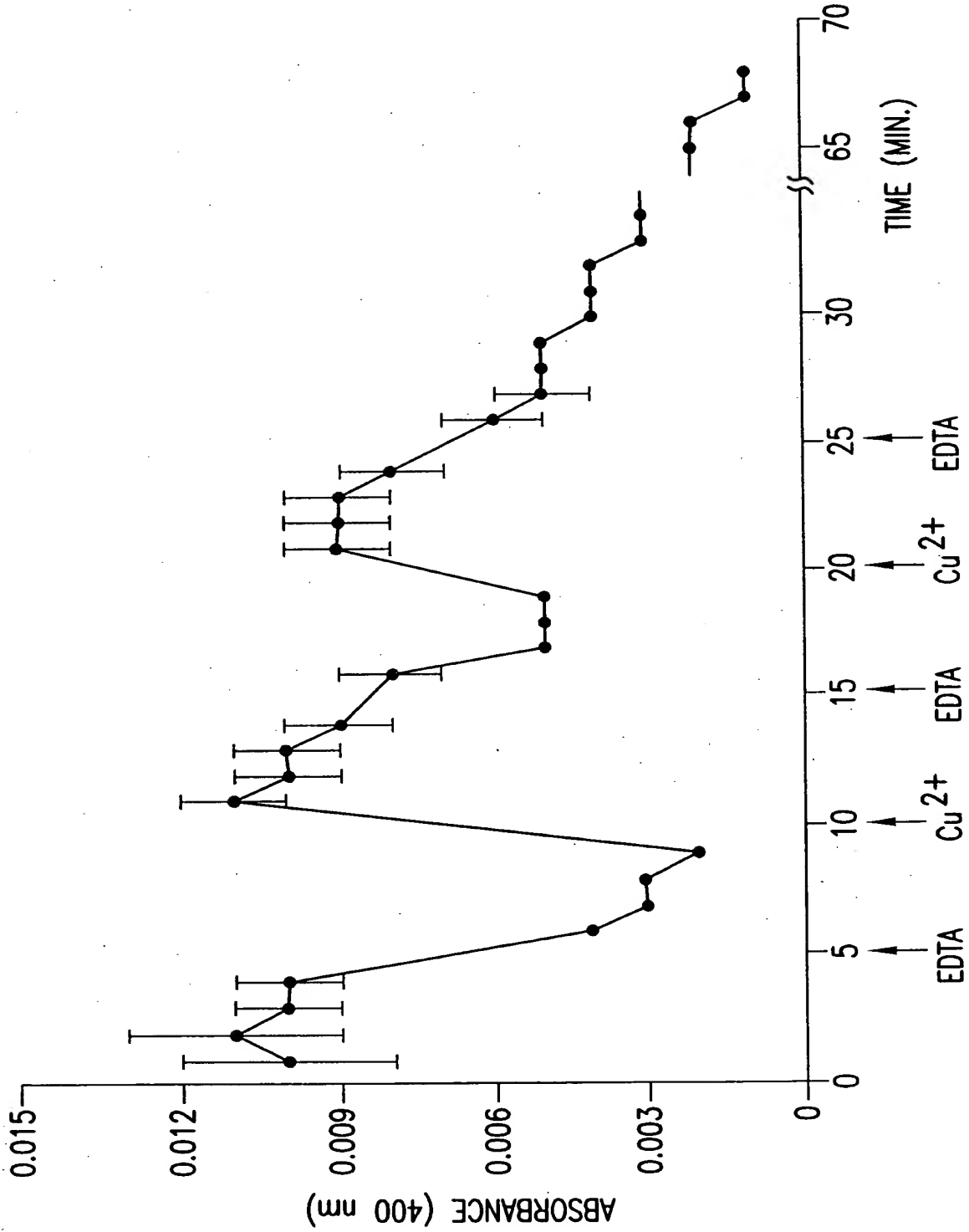


FIG.5A

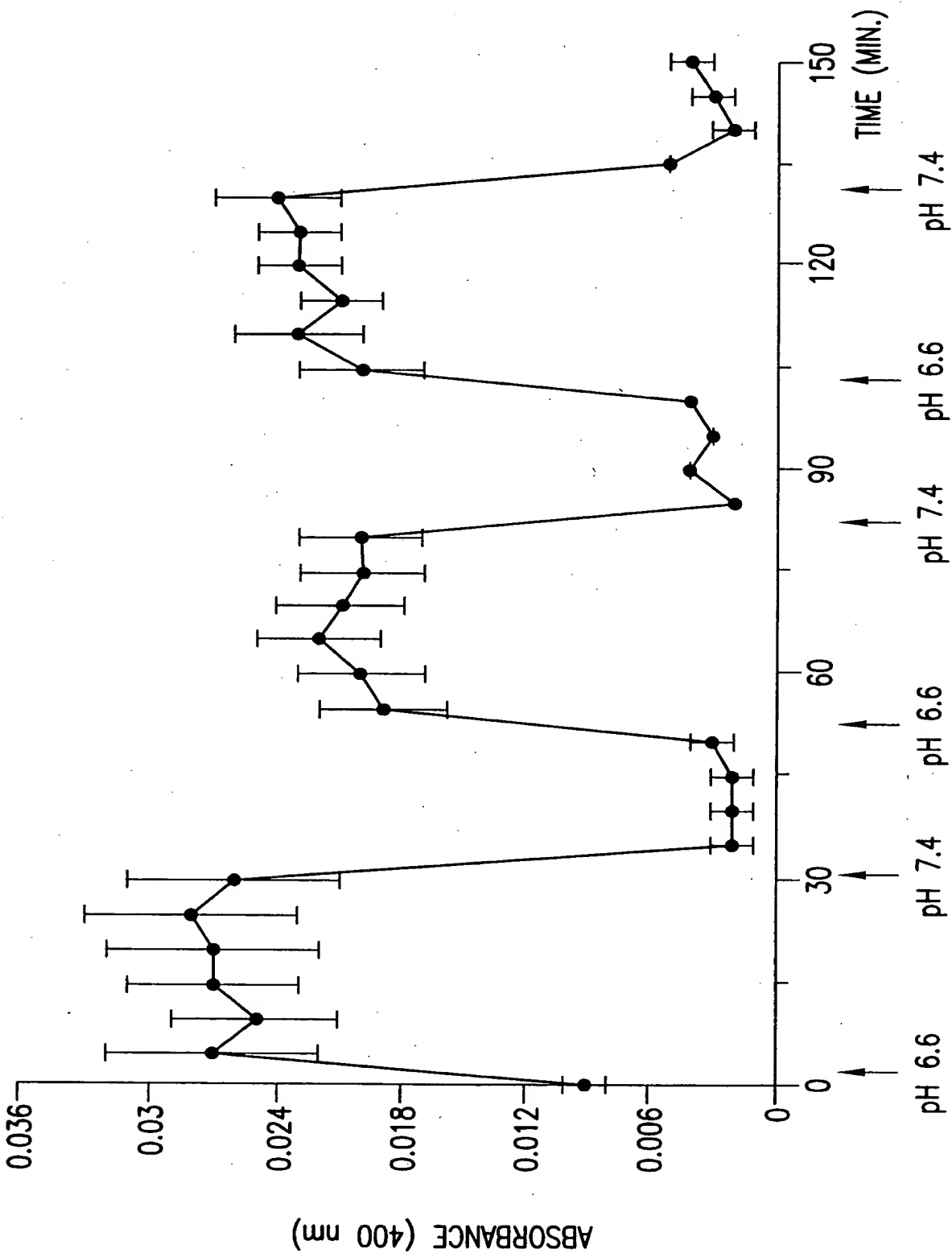


FIG.5B

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

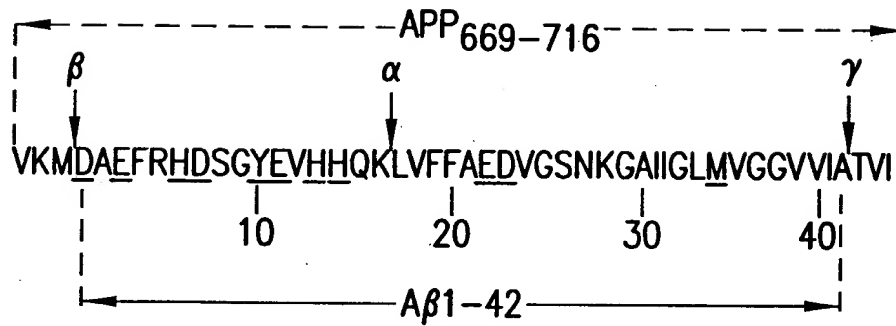


FIG.6

2061070 08695660

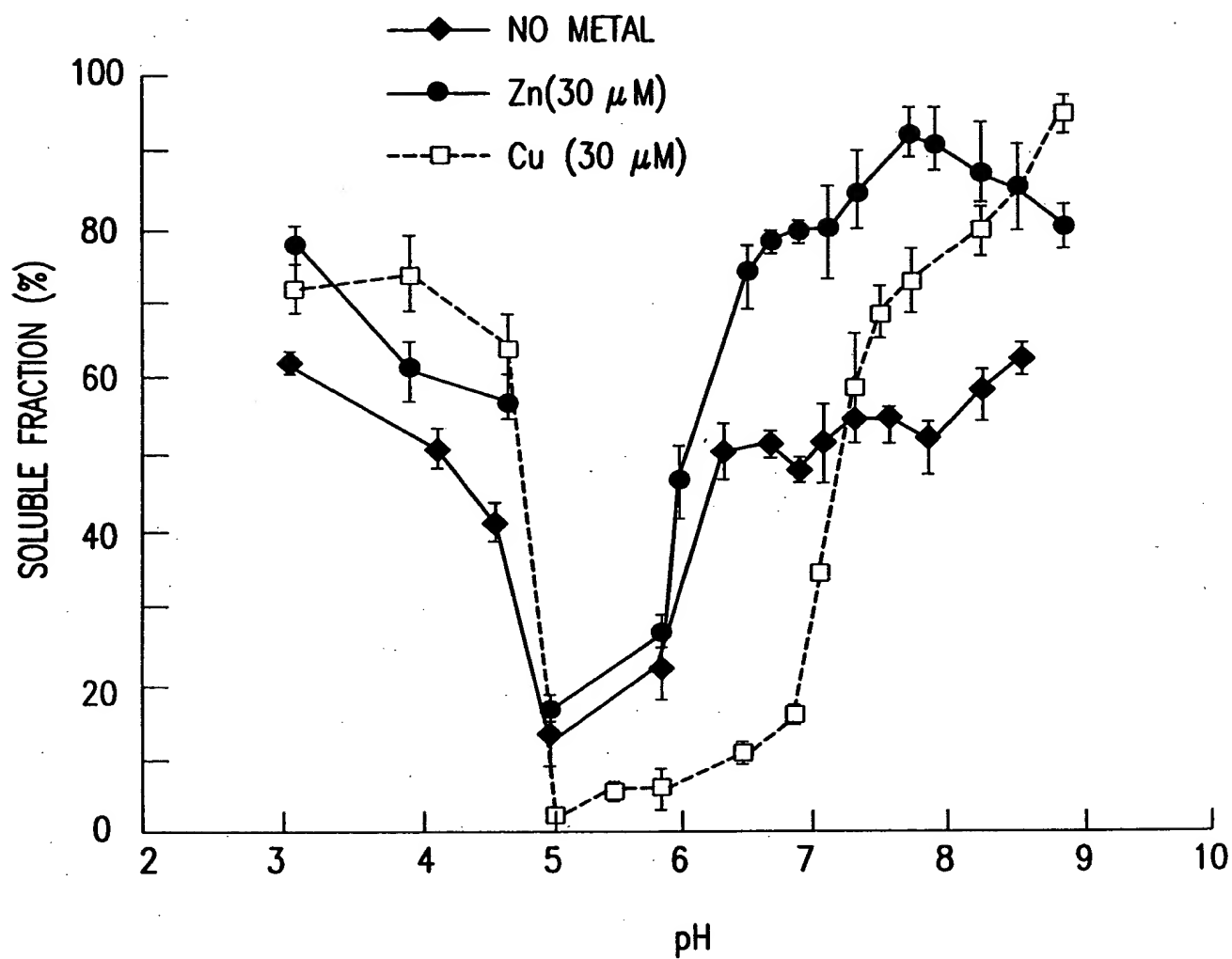


FIG.7

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

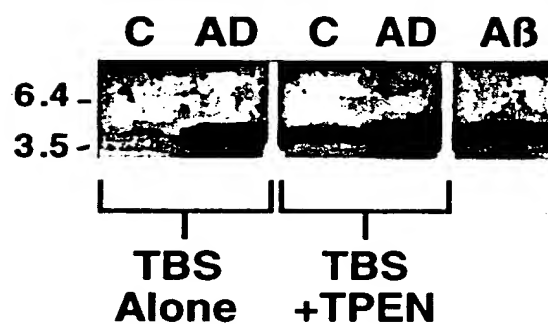


FIG.8

09956980-0869560

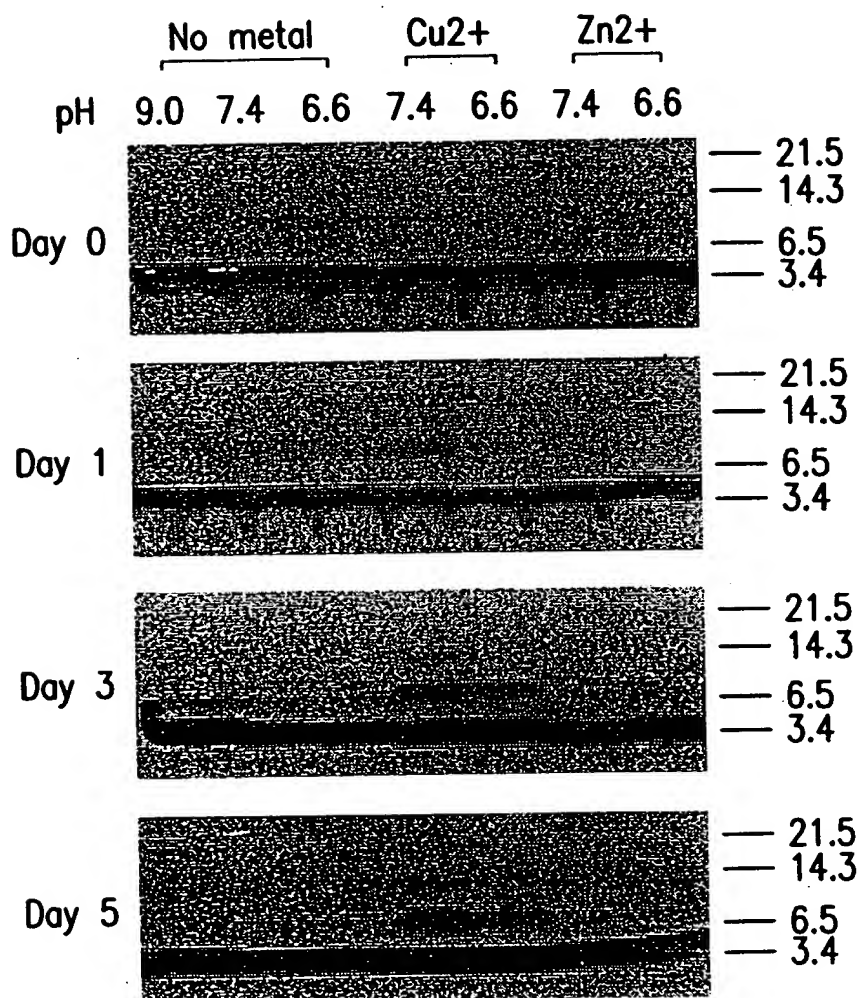


FIG.9

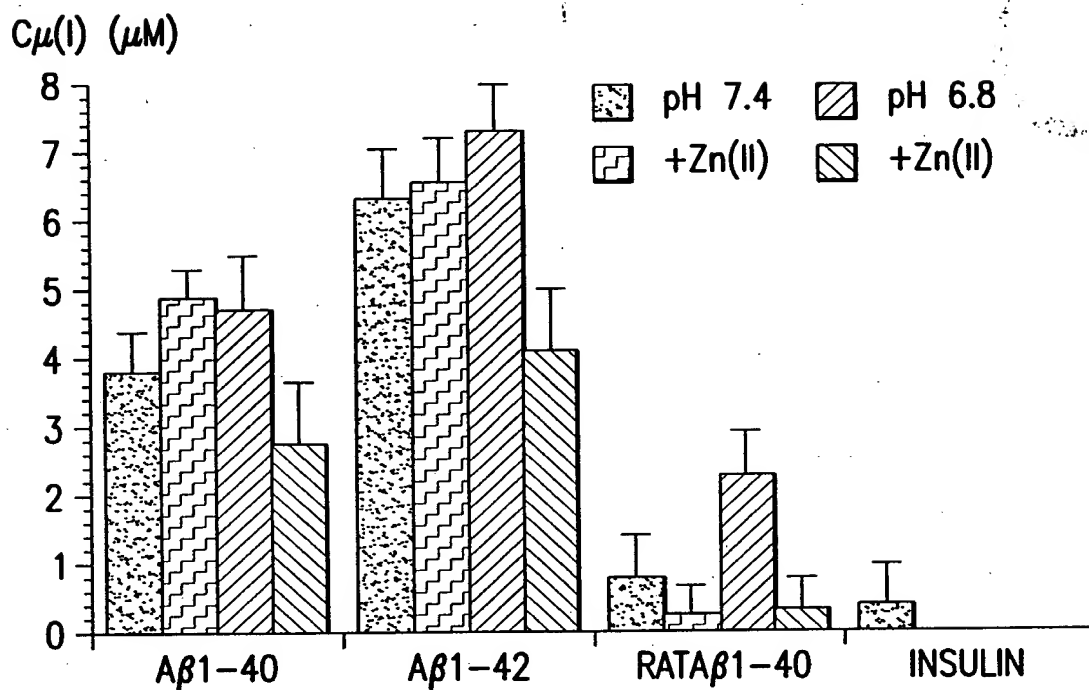


FIG.10

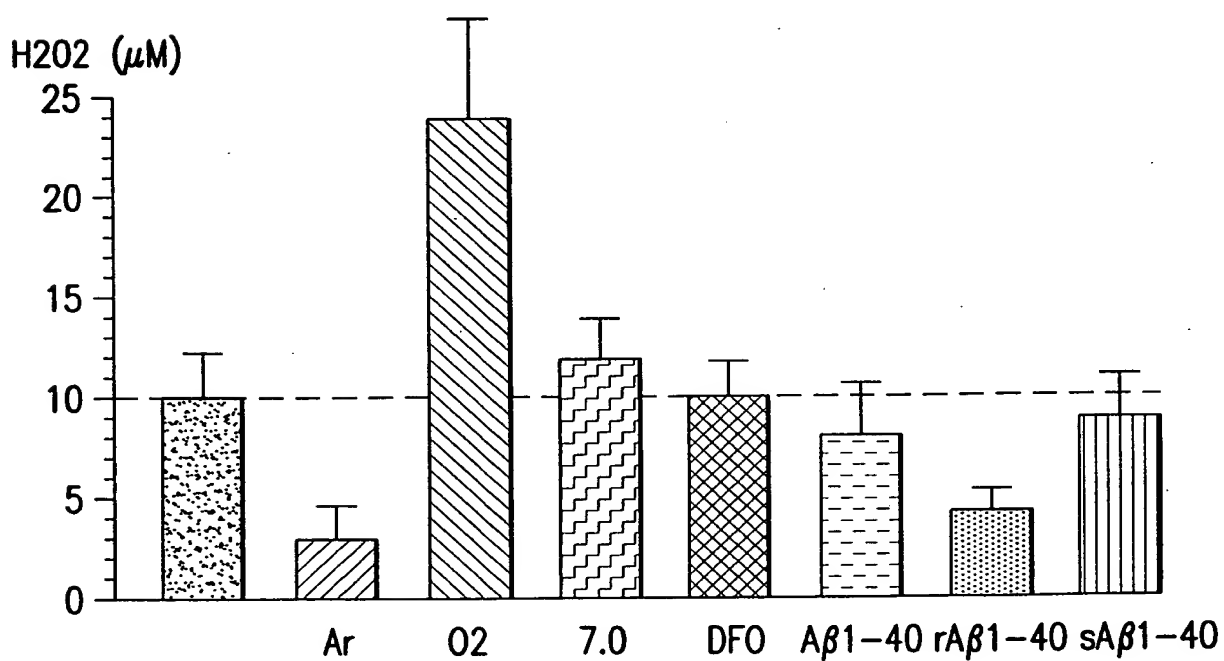


FIG.11

09956980-010902

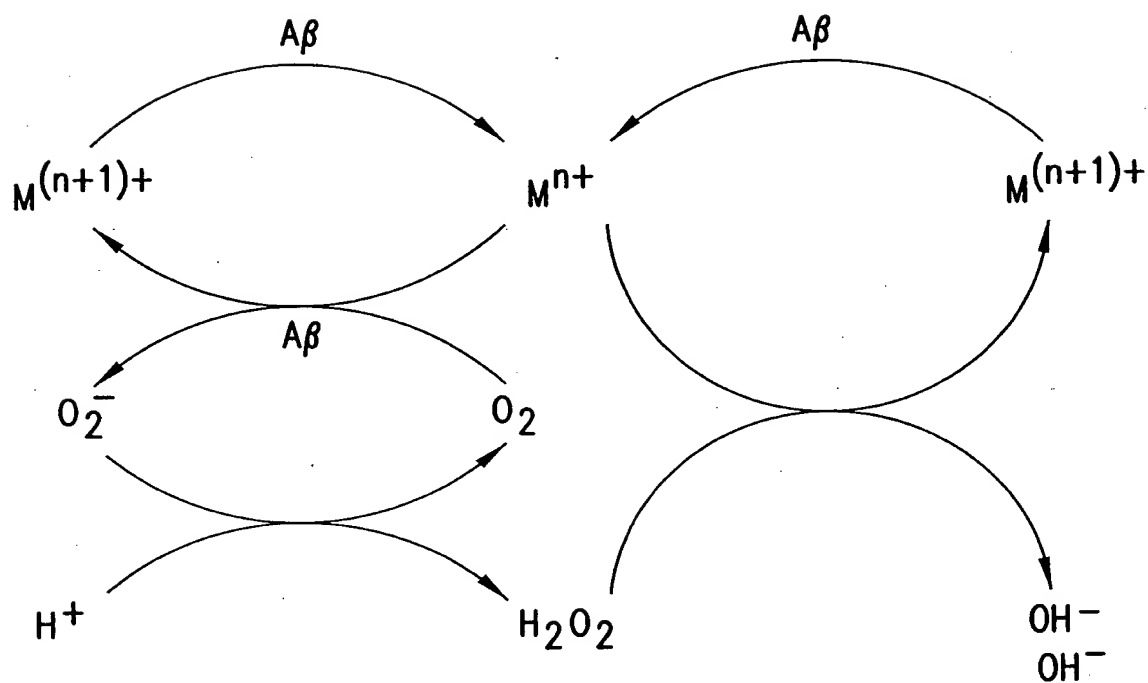


FIG.12

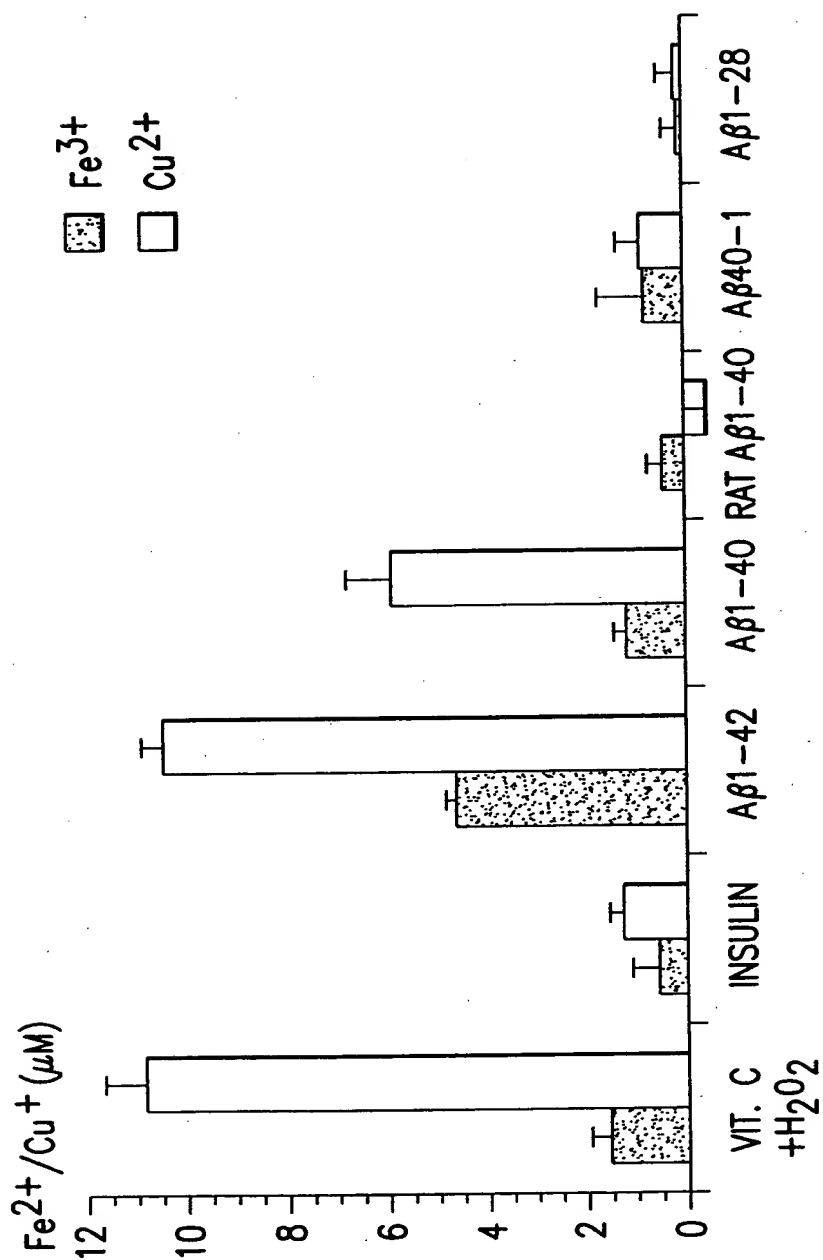


FIG.13A

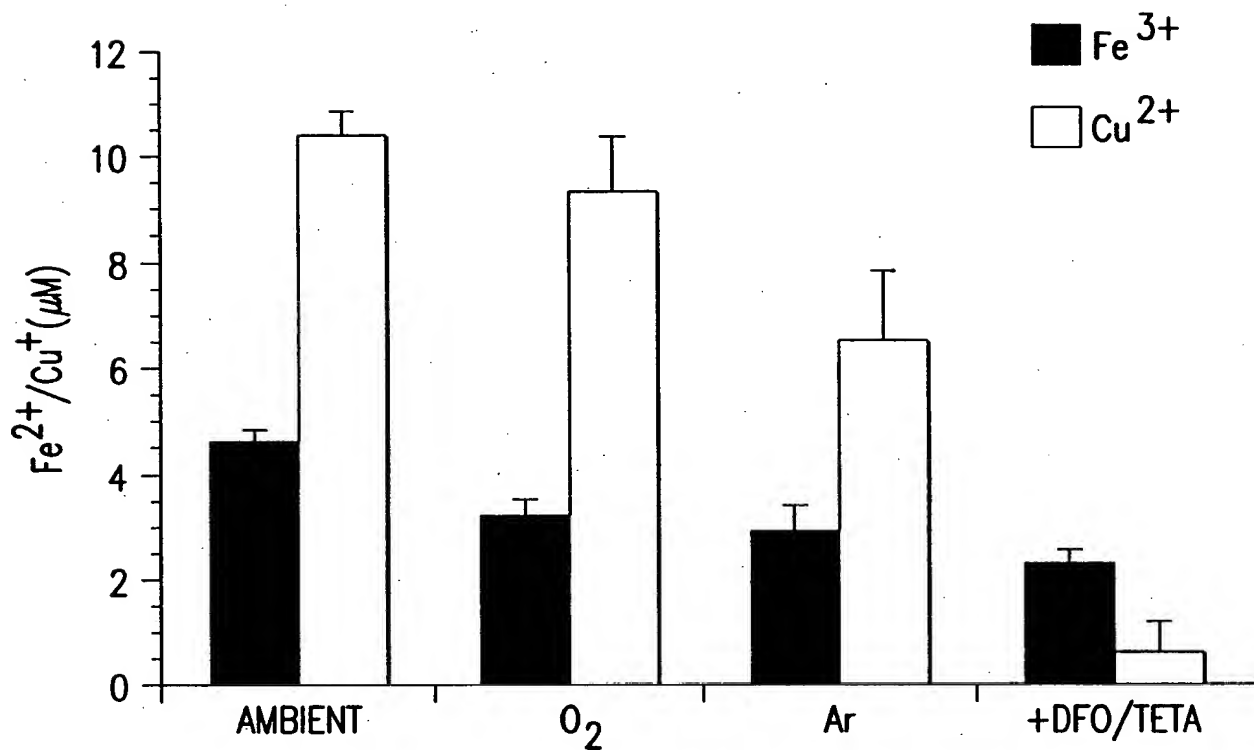


FIG. 13B

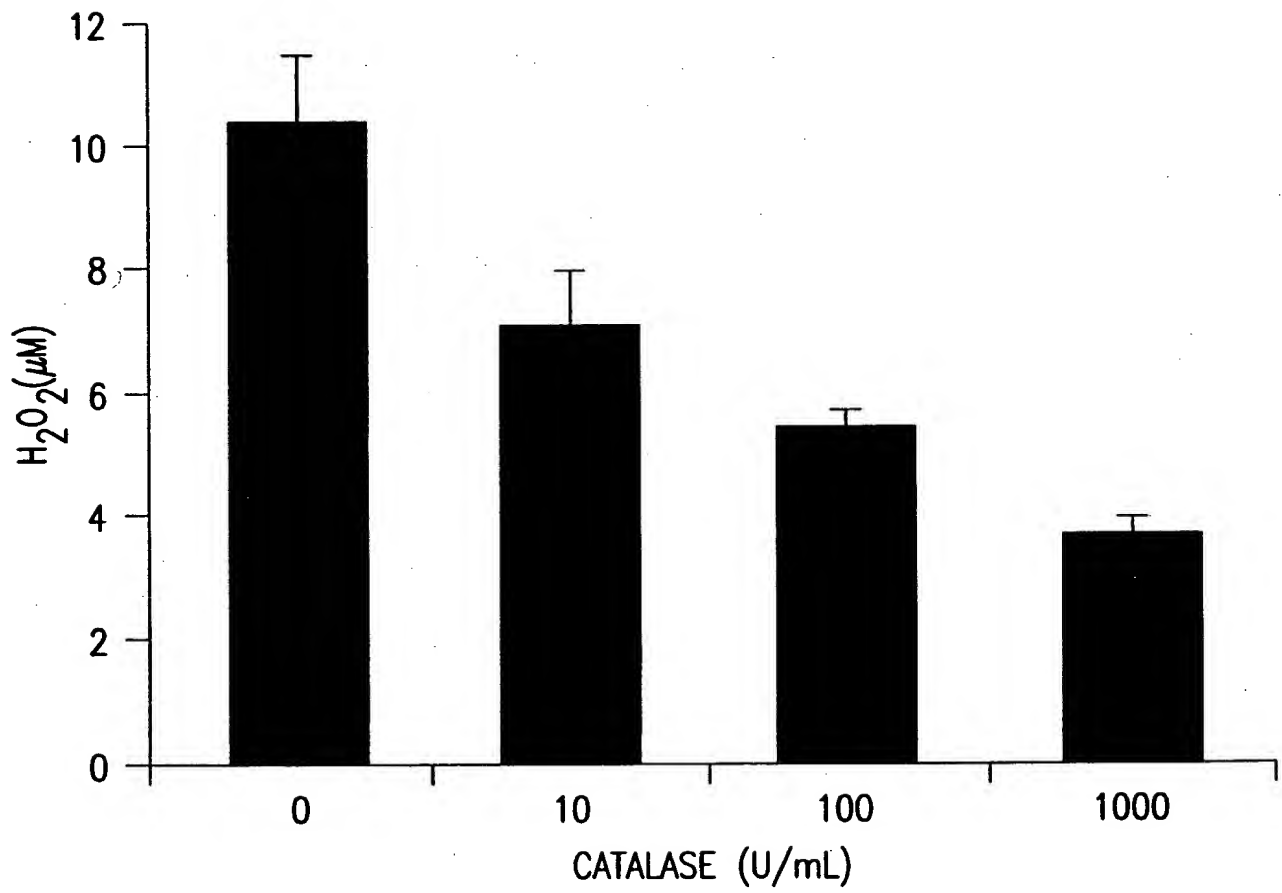


FIG. 14A

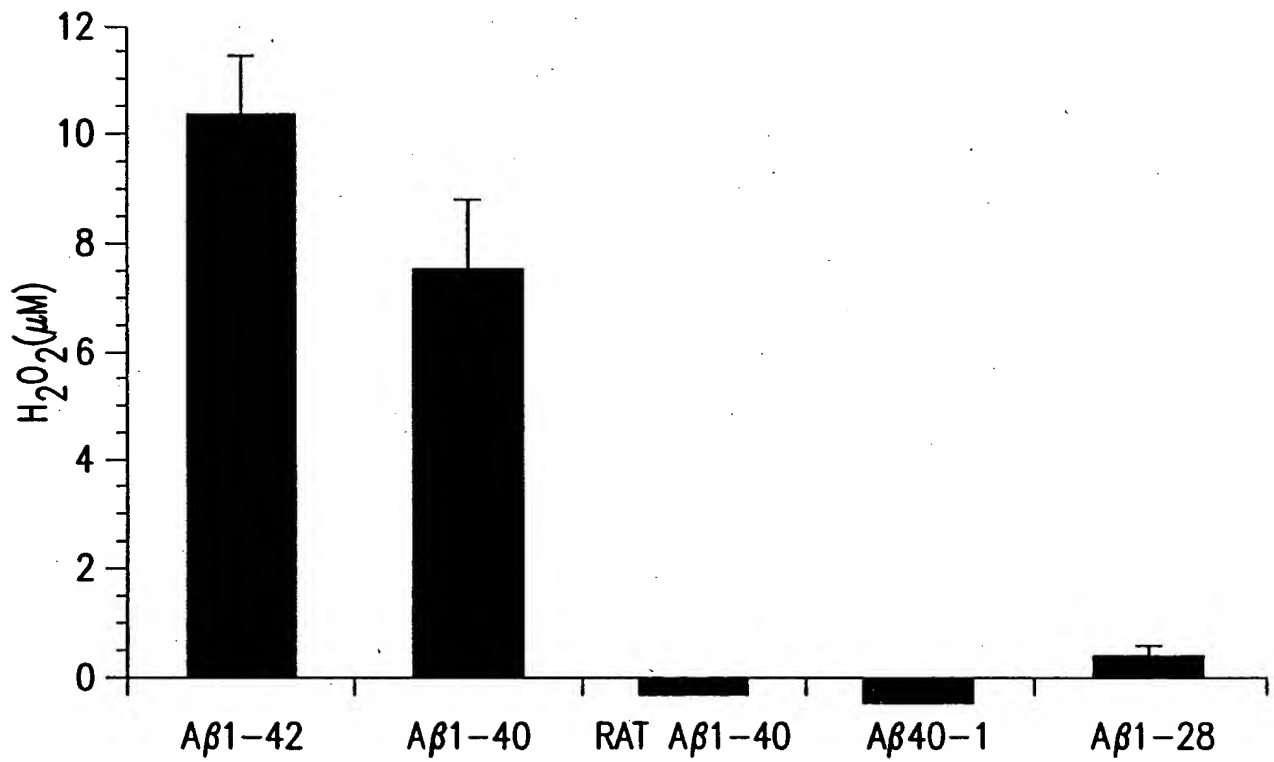


FIG. 14B

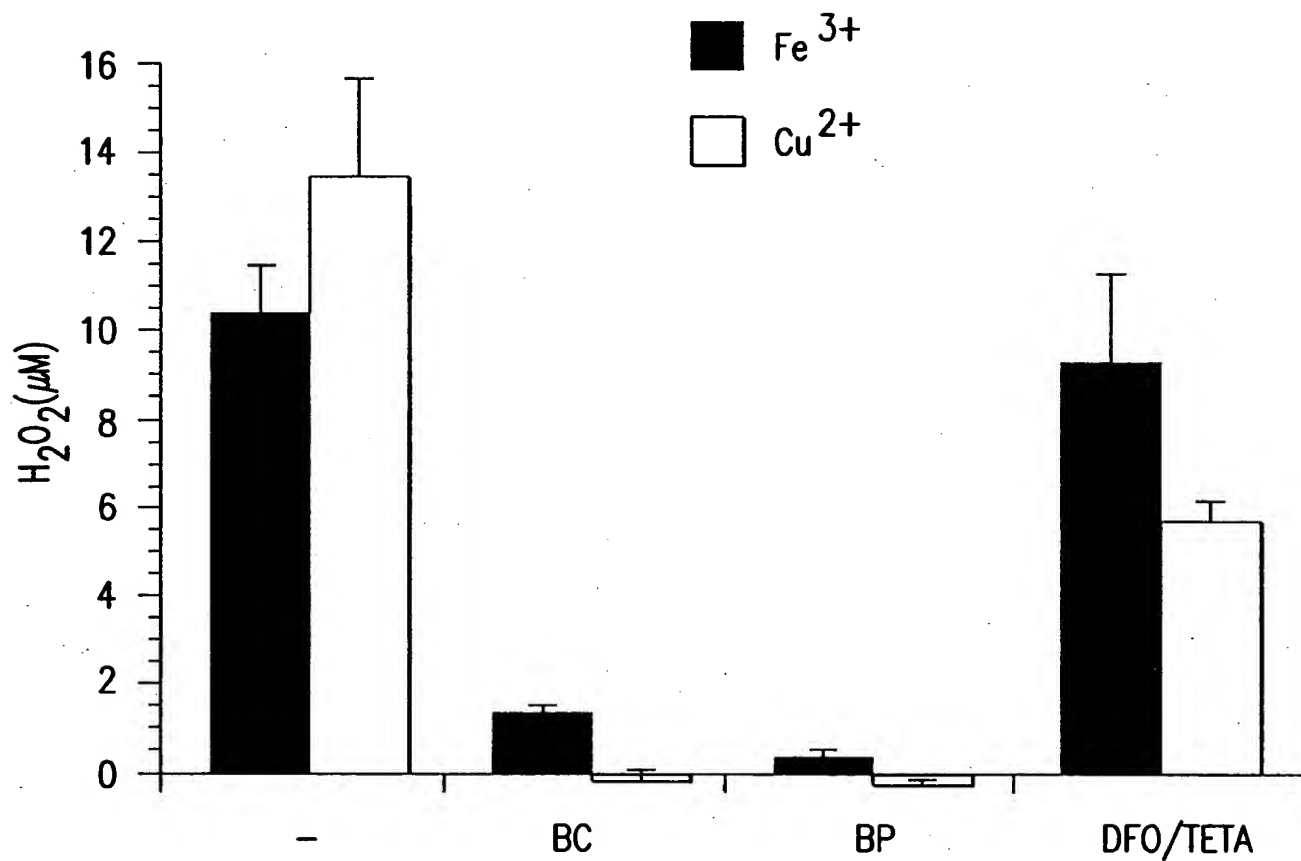


FIG. 14C

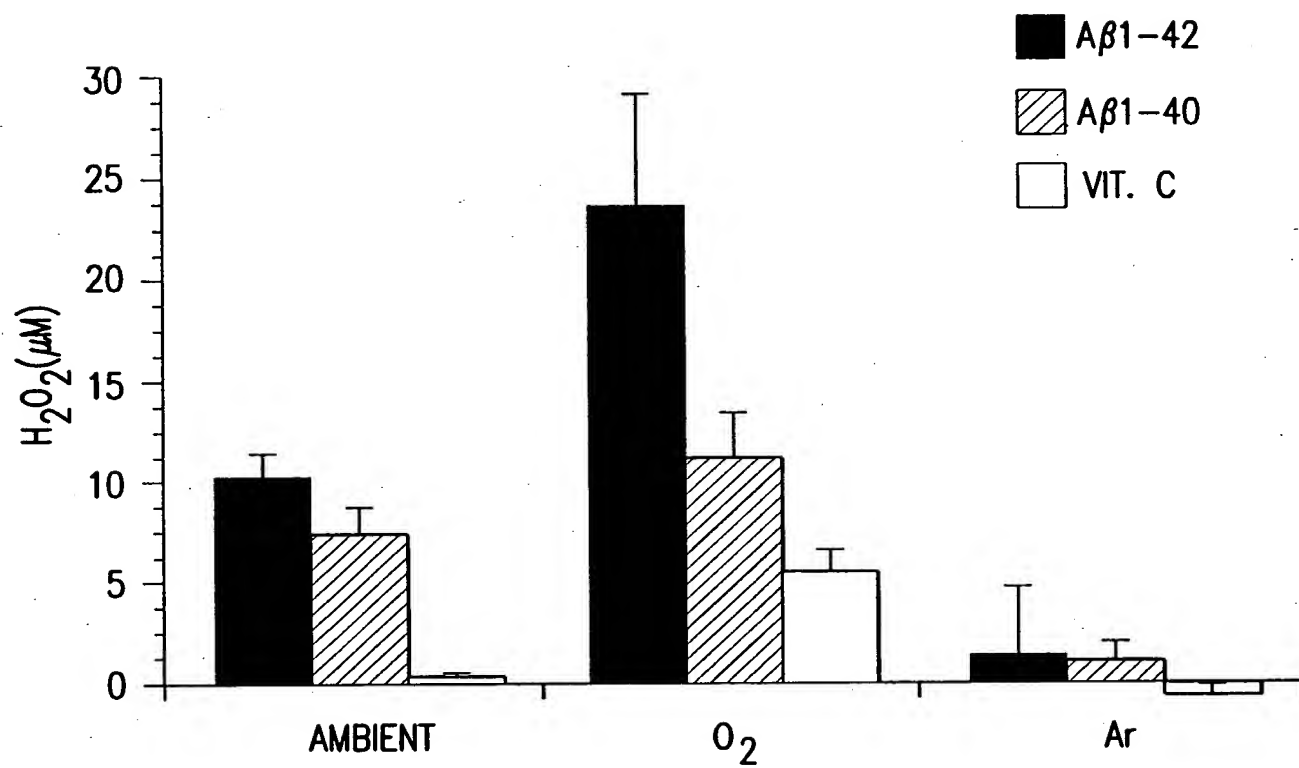


FIG. 14D

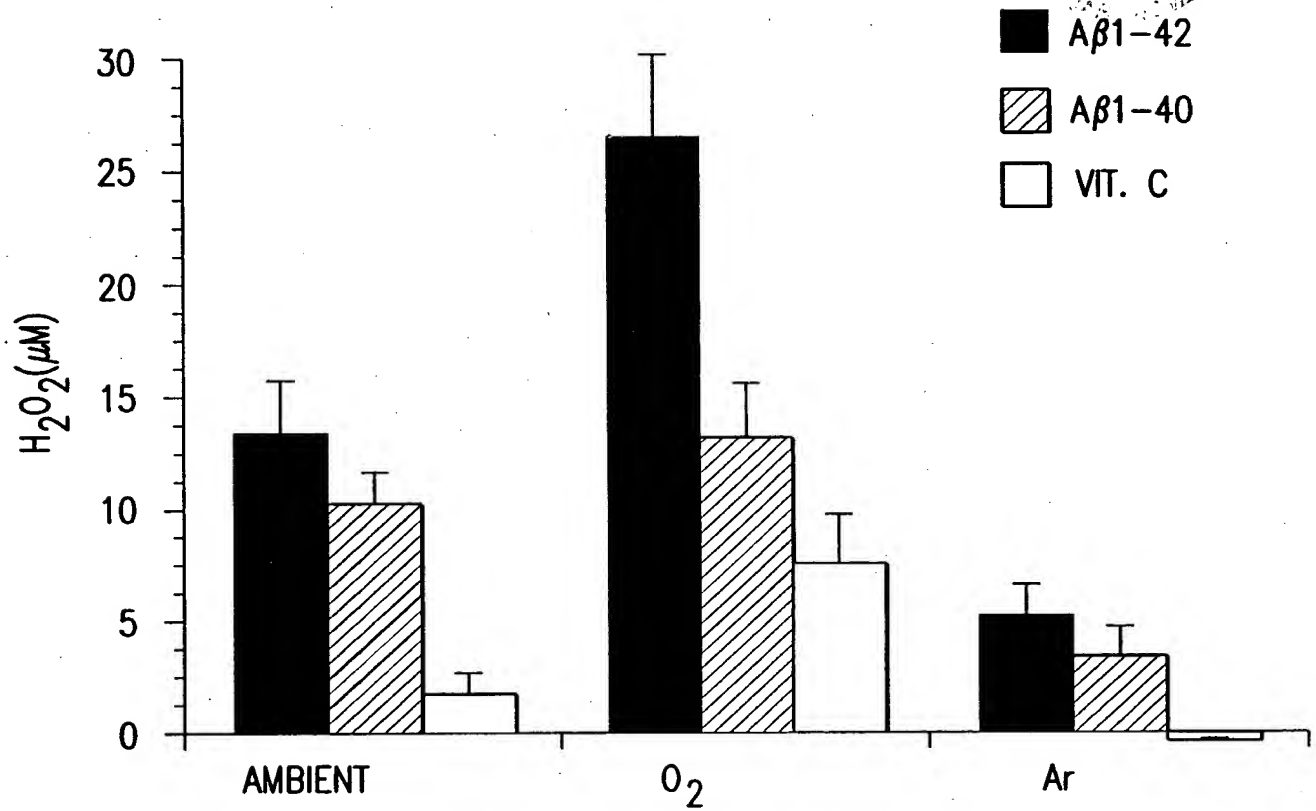


FIG. 14E

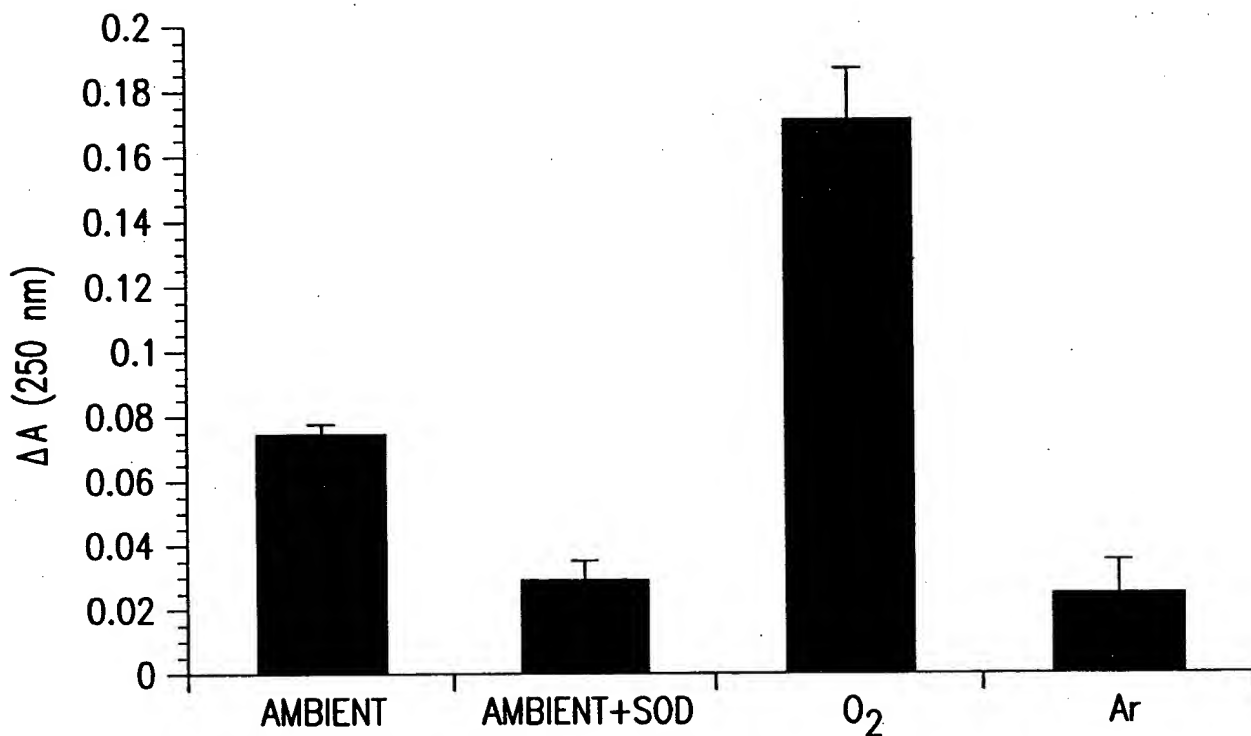


FIG. 15A

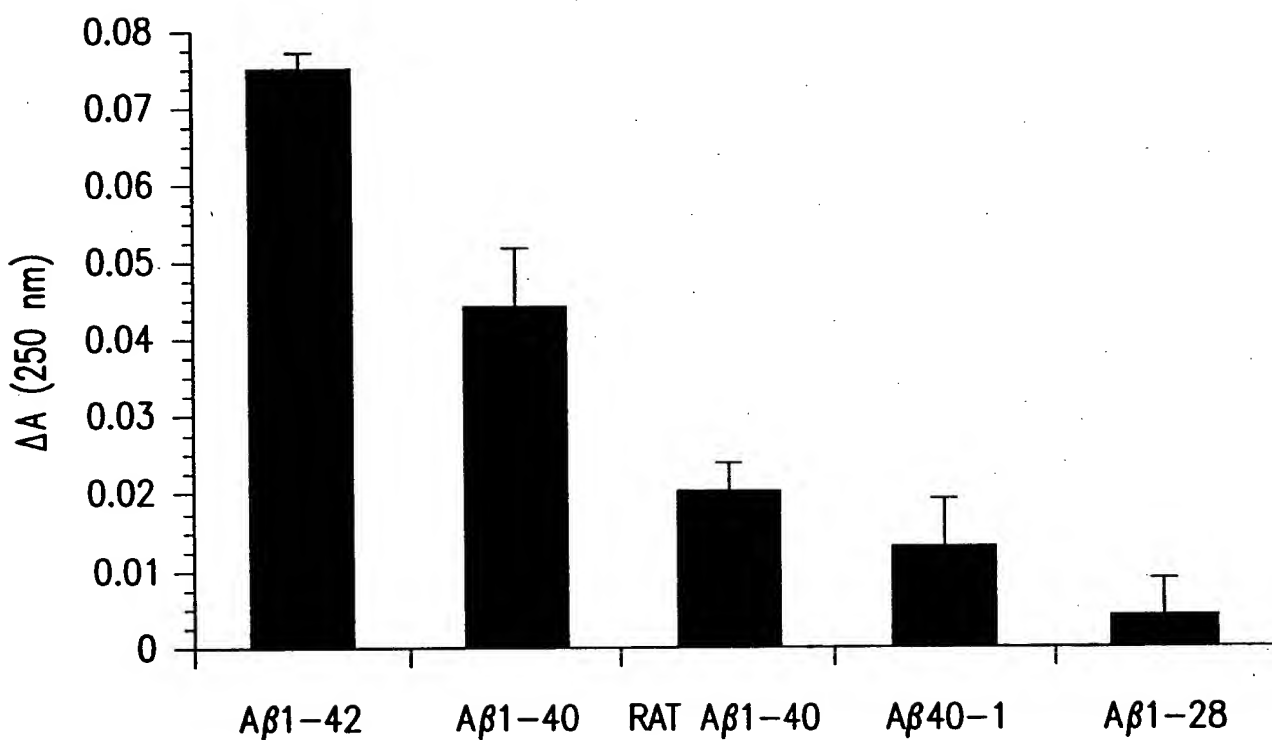


FIG. 15B

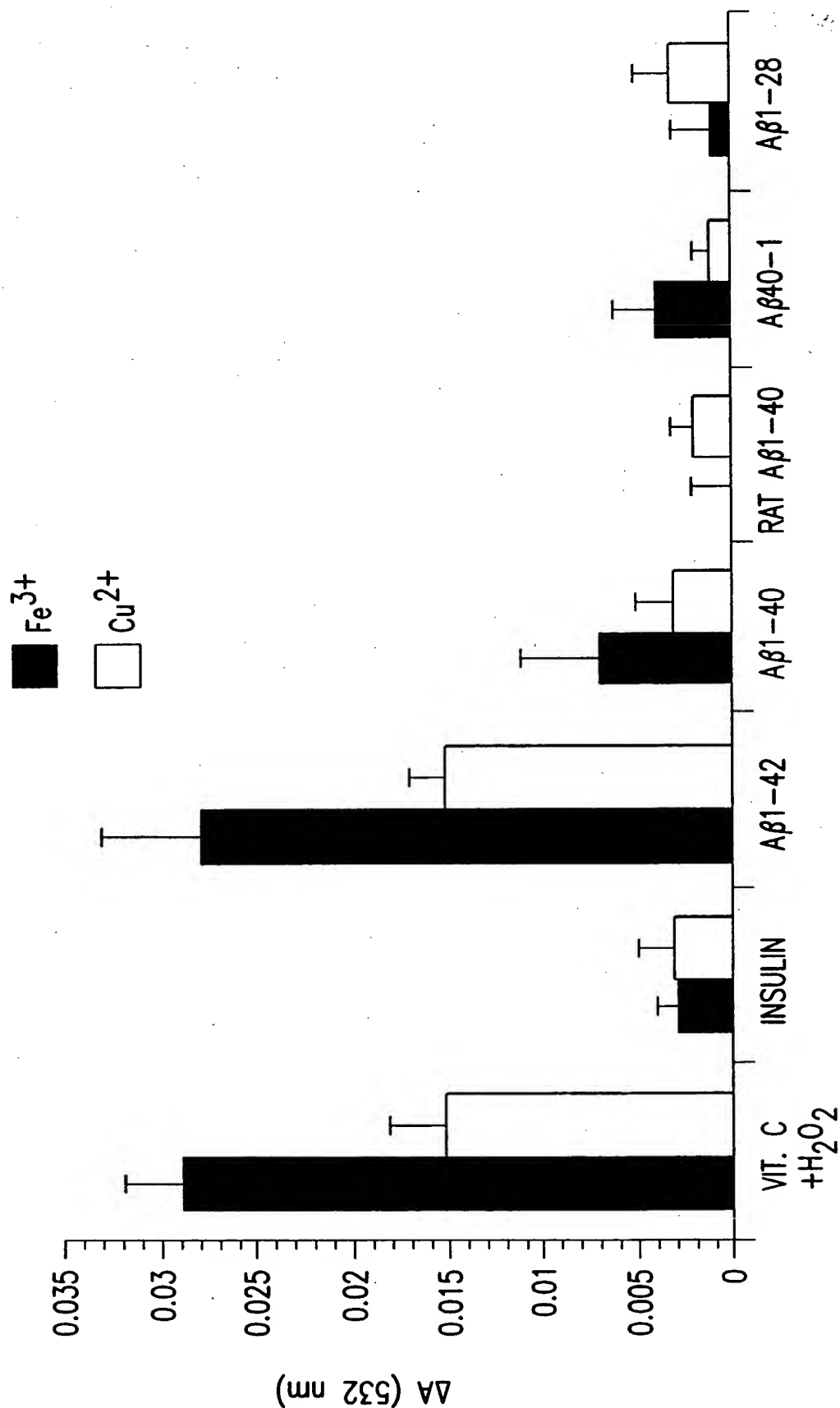


FIG. 16A

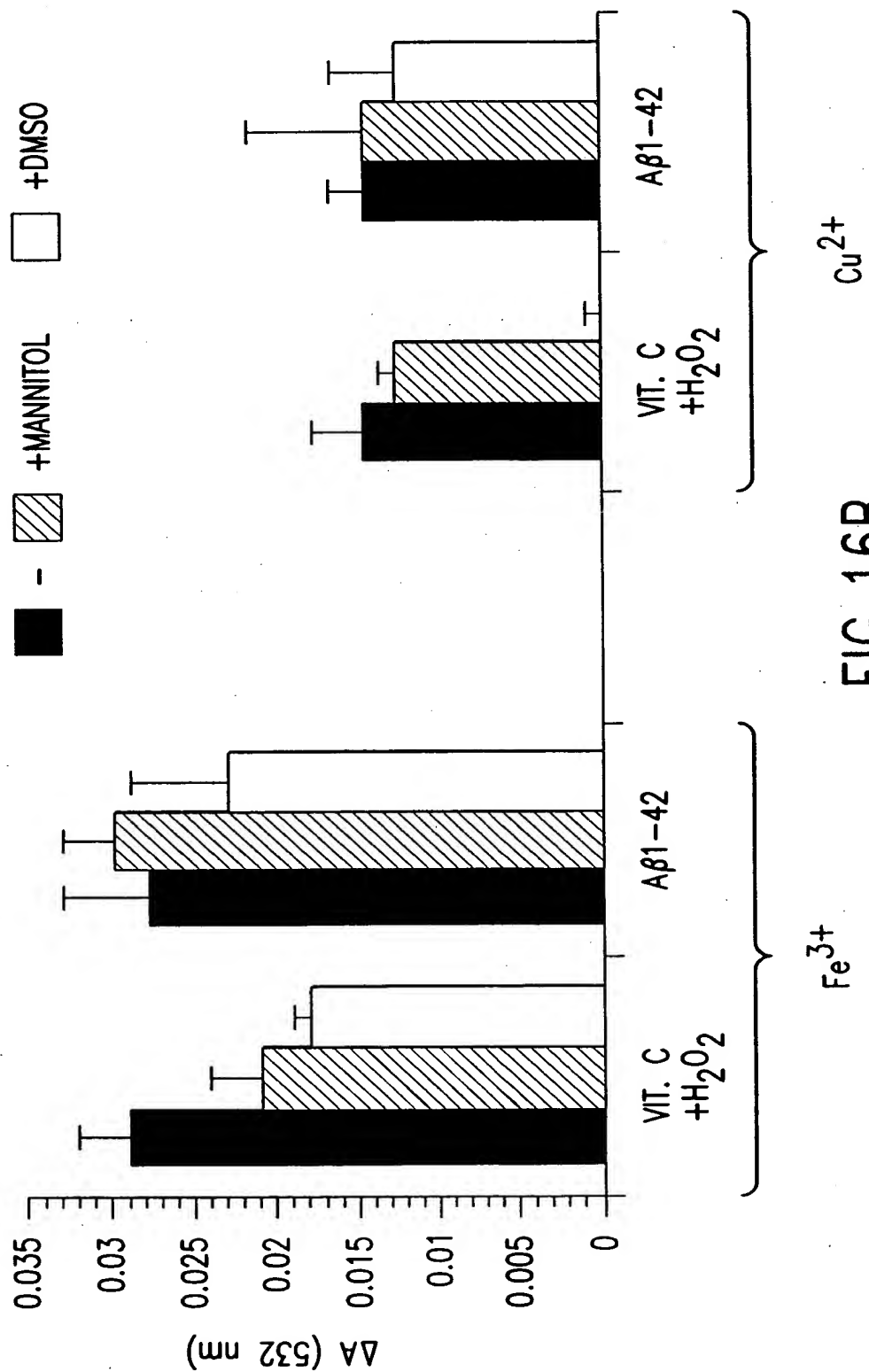


FIG. 16B

206070-08695660

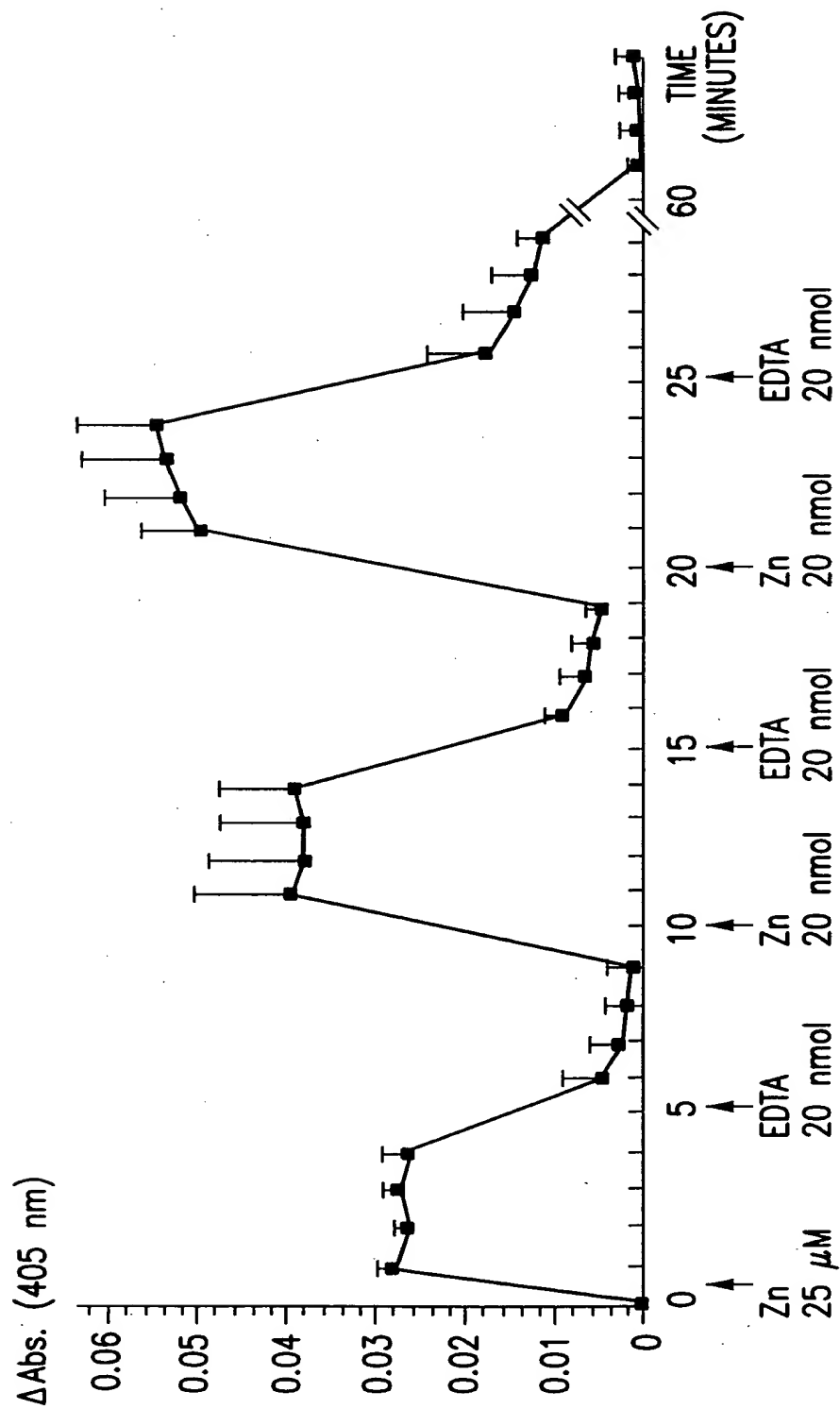


FIG. 17

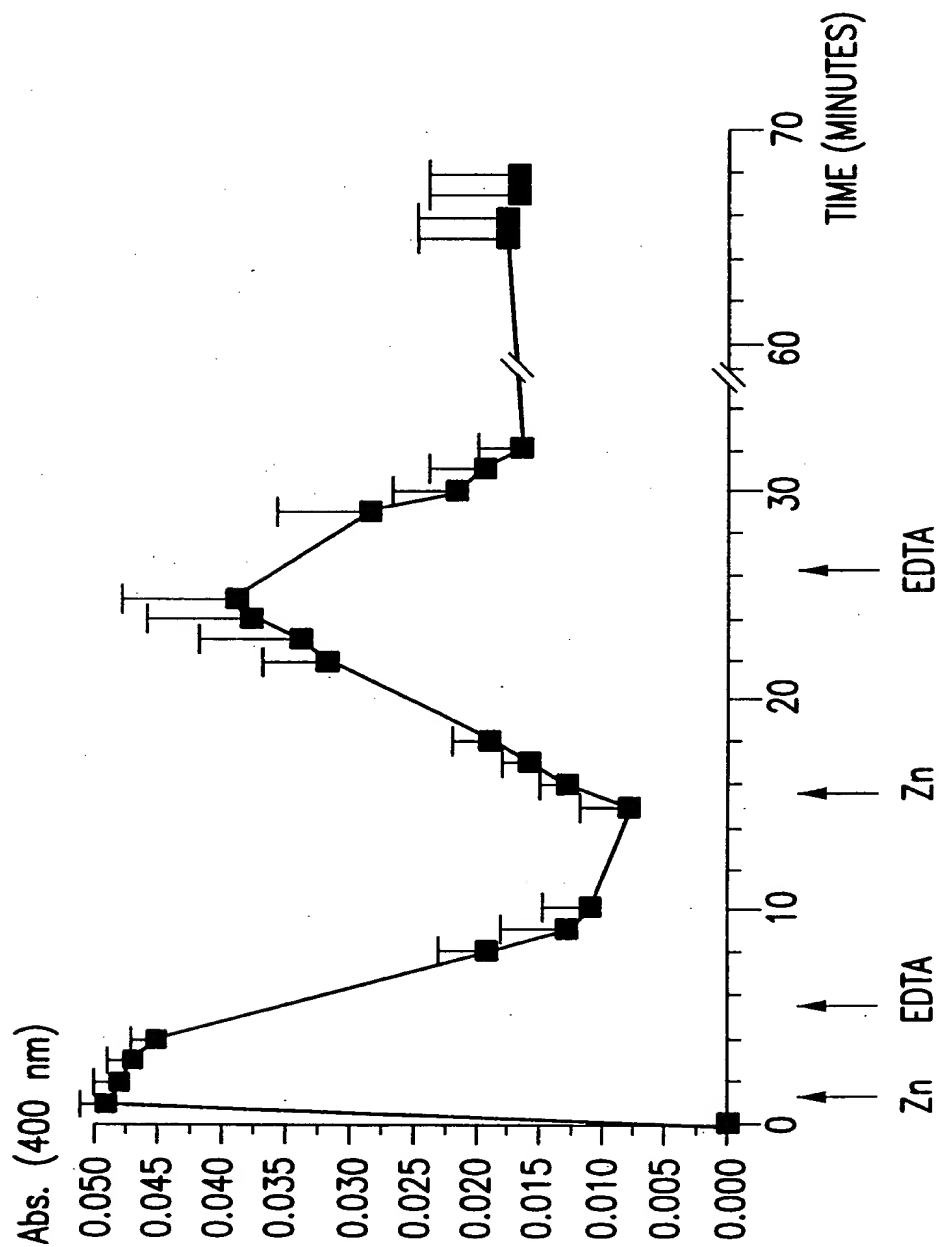


FIG.18

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

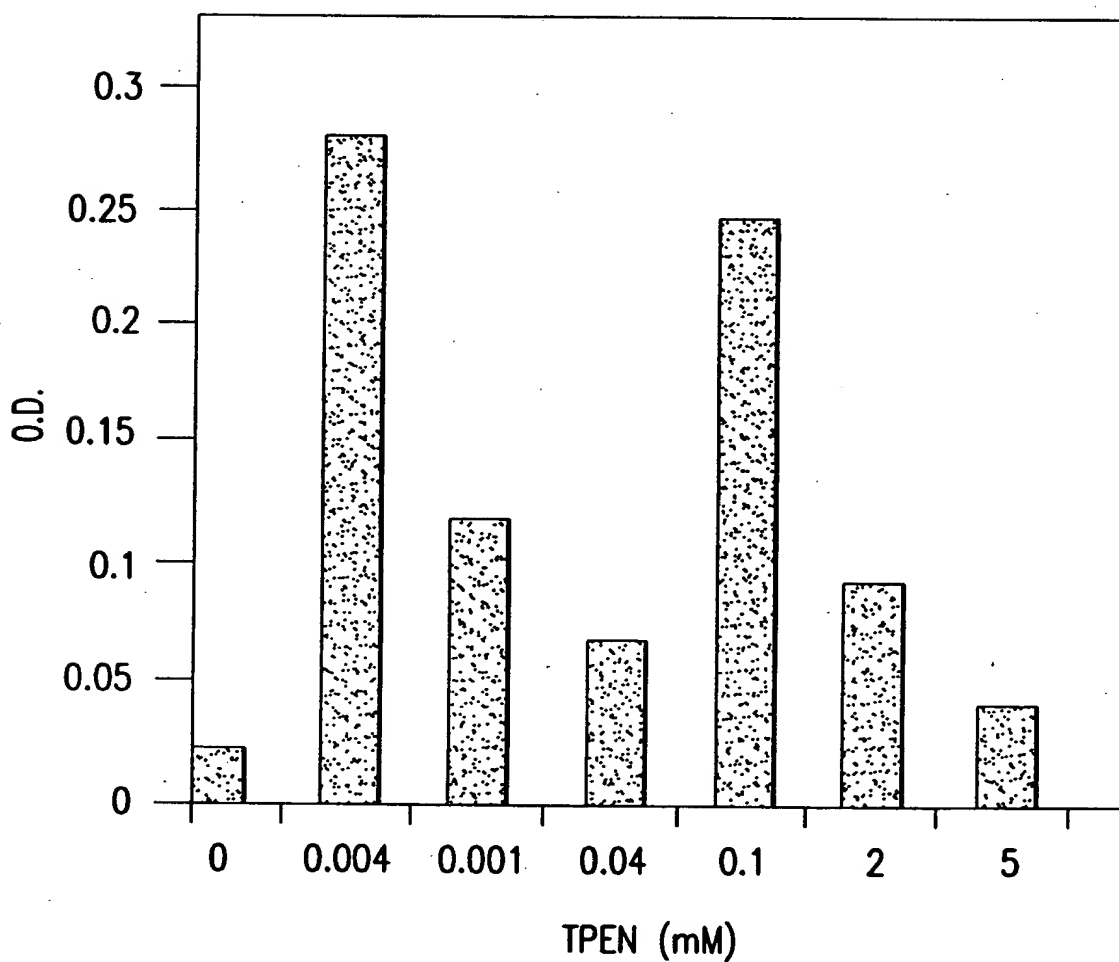
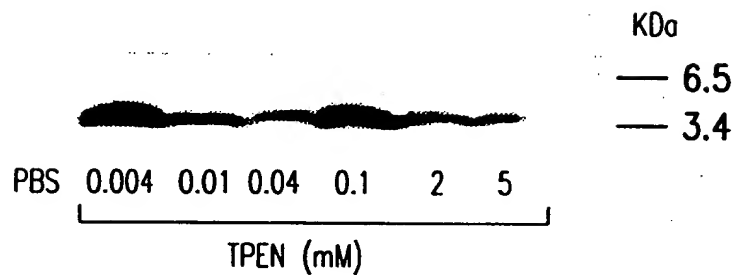


FIG. 19A

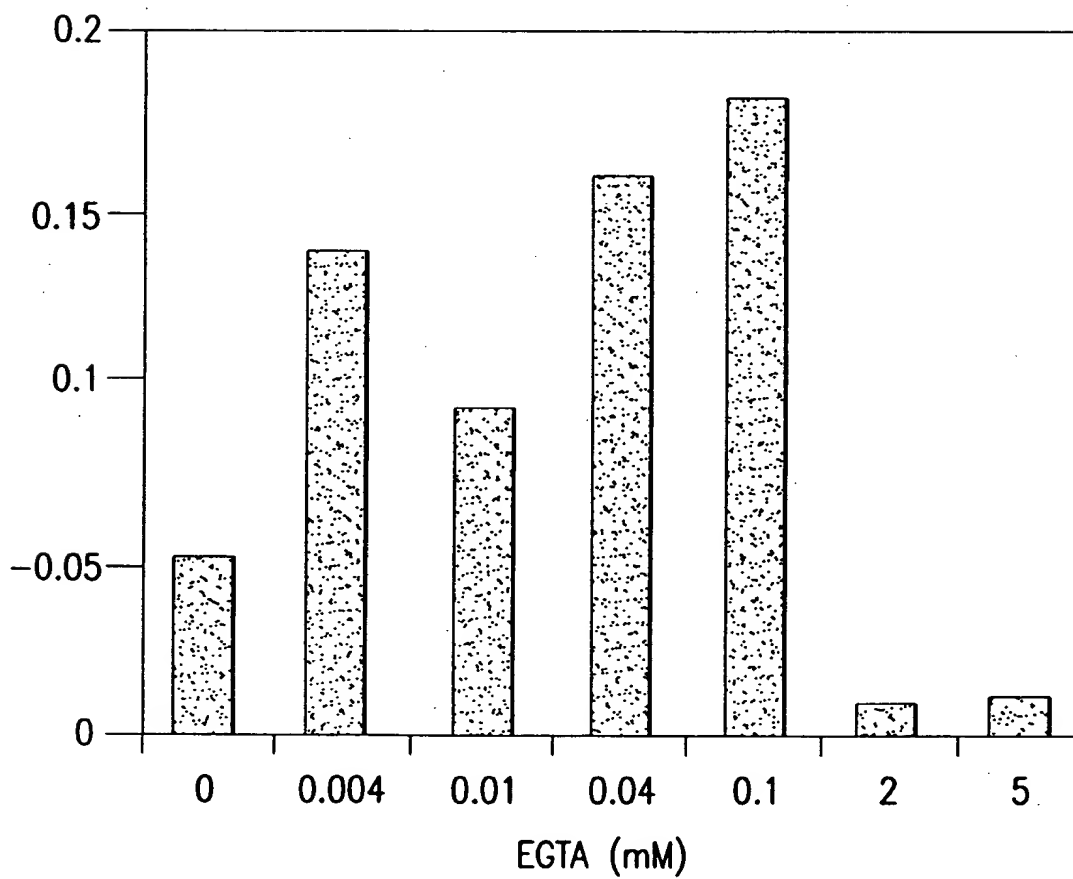
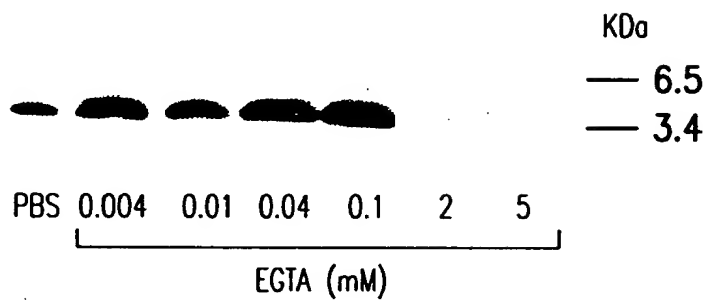


FIG. 19B

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

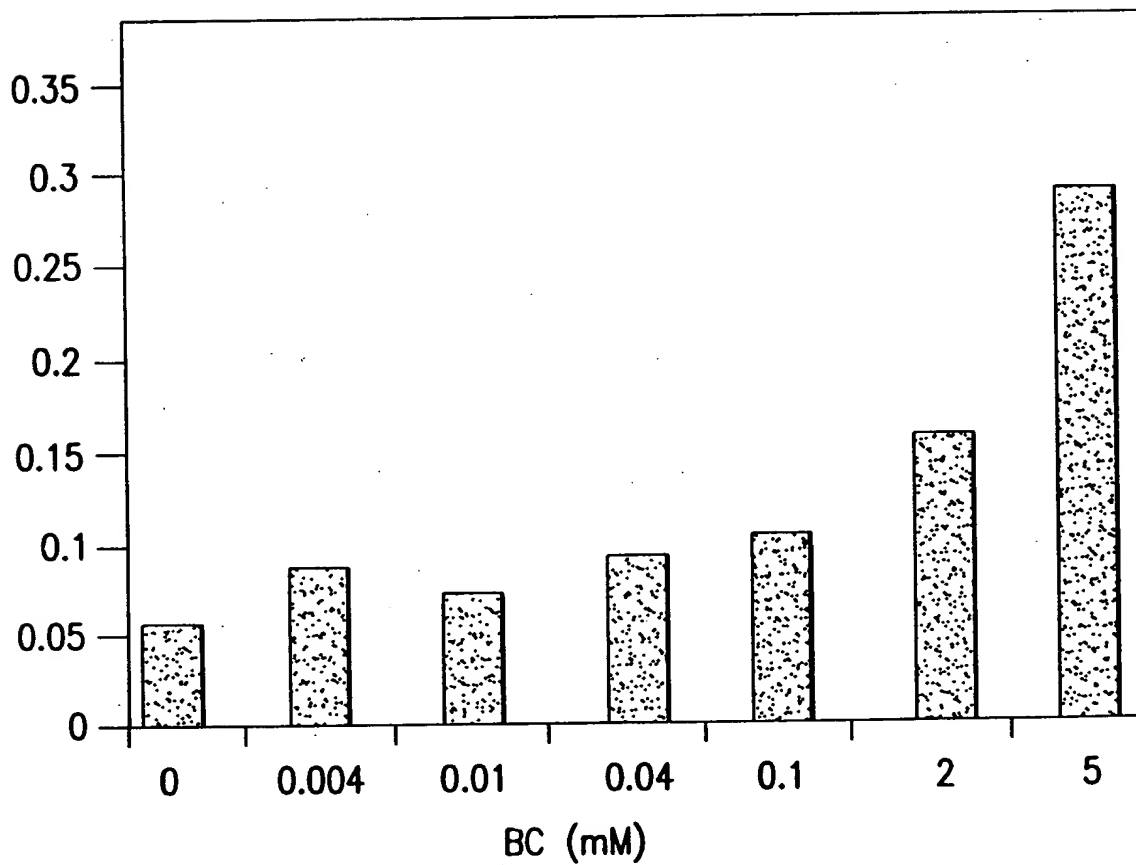
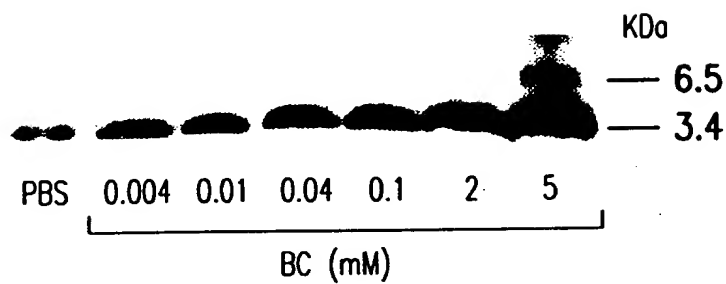
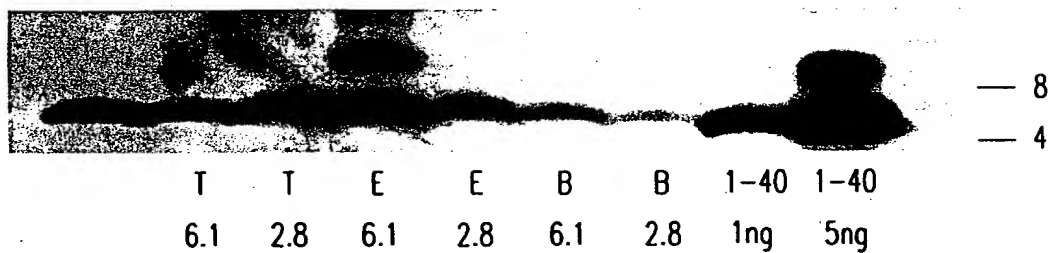


FIG.19C

206010-08695660

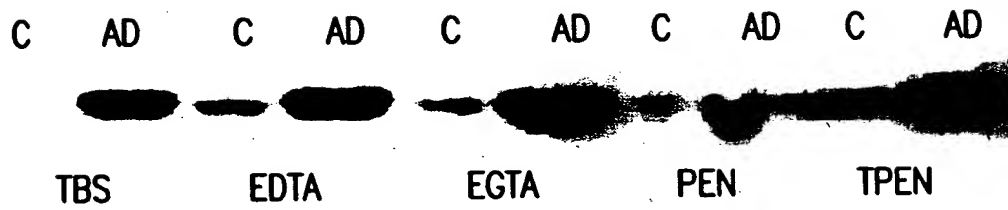
Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease



Age- matched control- (indicative gel)

FIG.20A

206070-08695660



Young control vs AD, various chelators 5mM

FIG.20B

206070-0863560

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease



206070 08695660

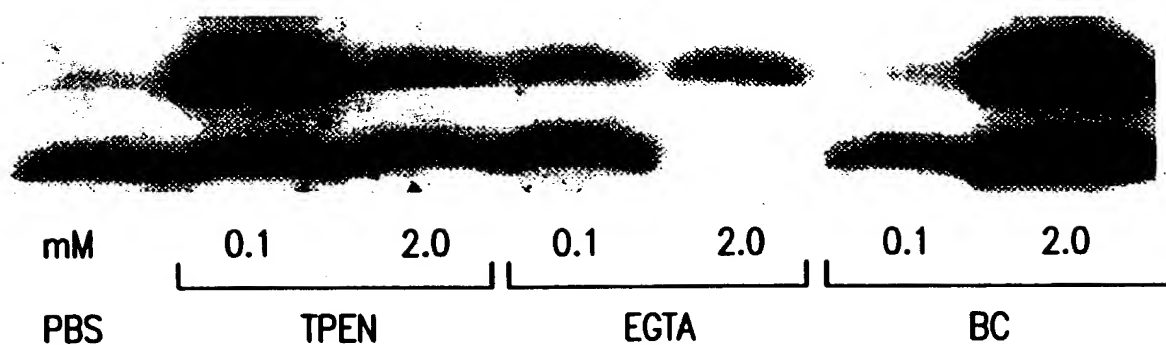


FIG.21

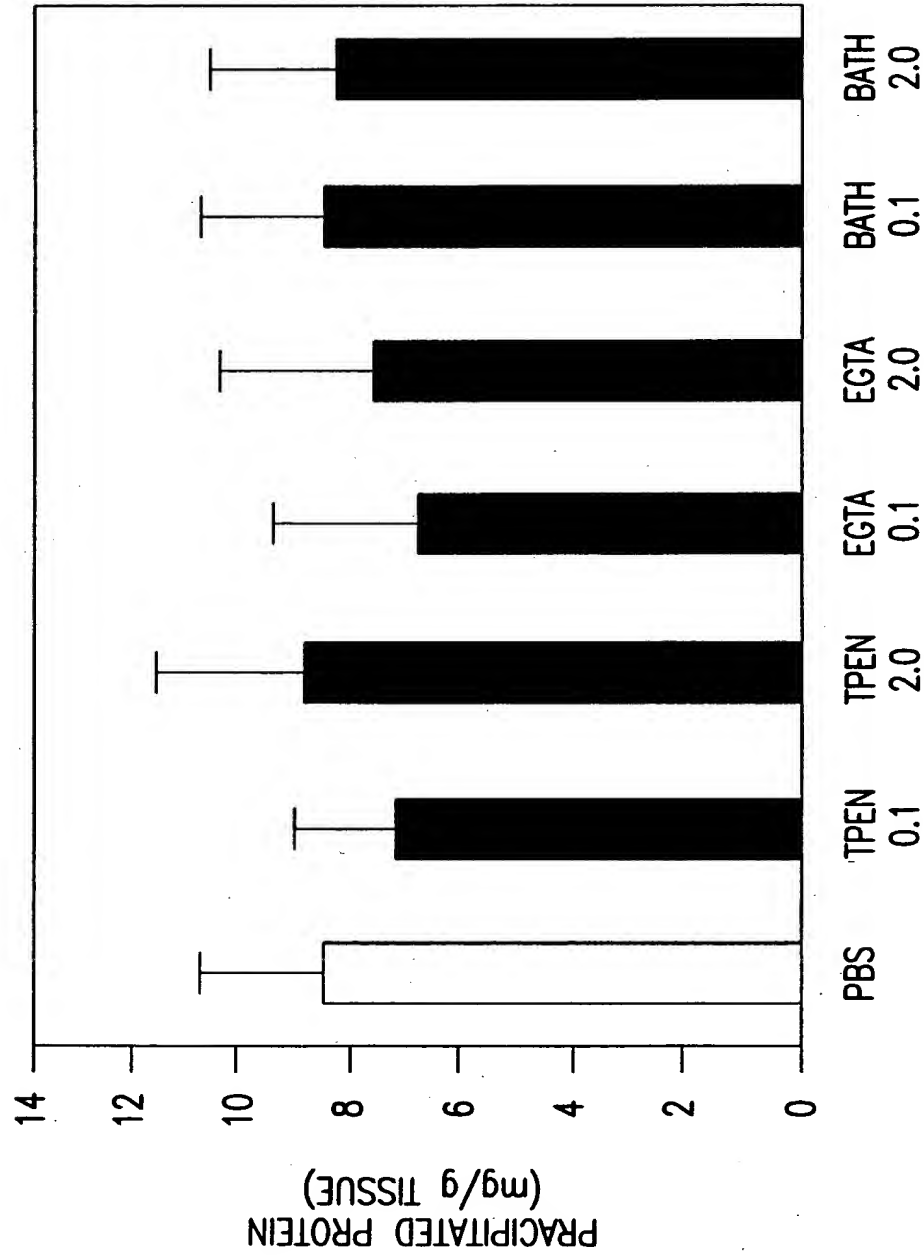


FIG.22

2060710 " 08695660

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

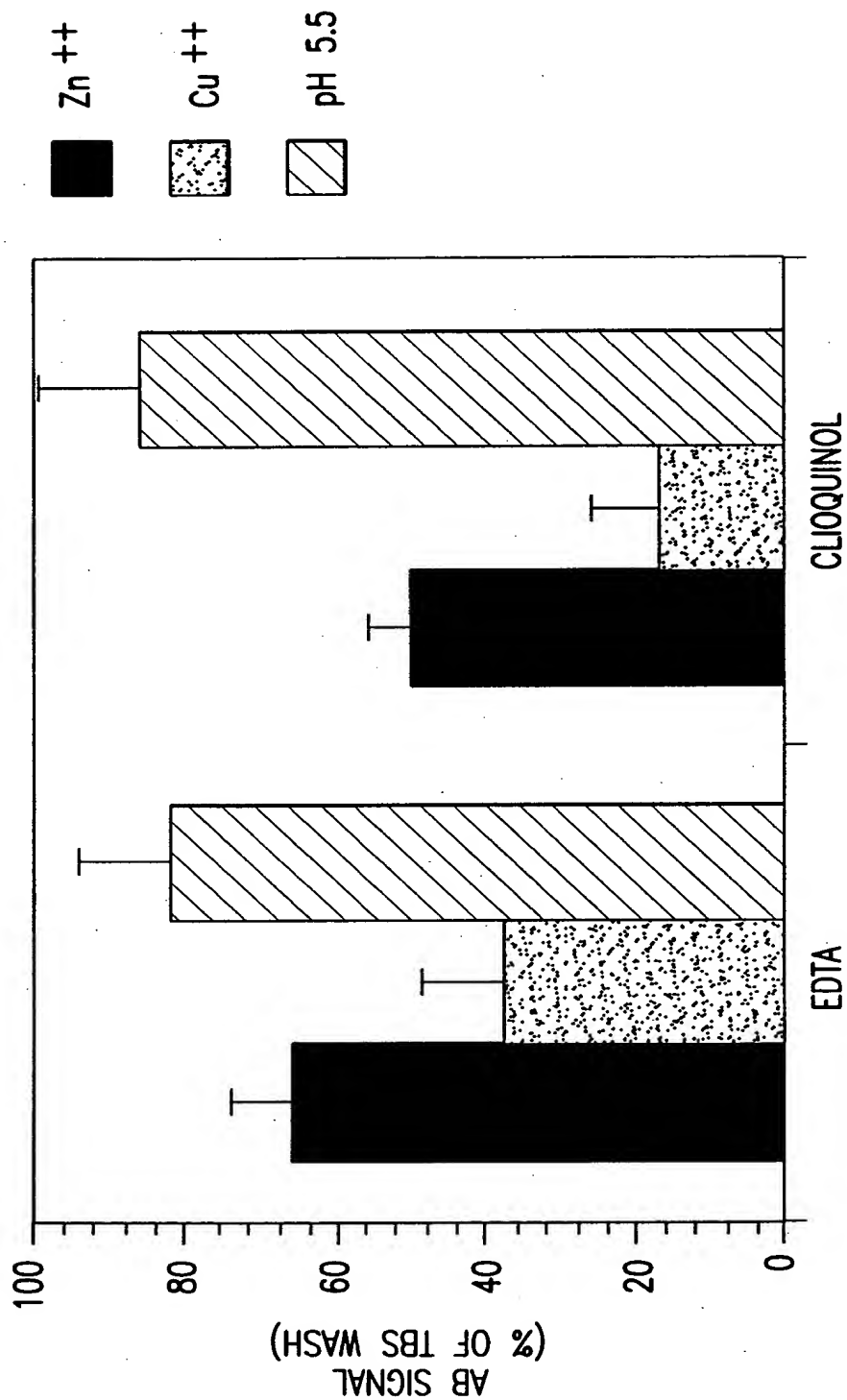


FIG.23

206010" 08695660

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

Brain specimen #1



Brain specimen #2



	S1	S2	S1	S2	S1	S2	S1	S2
Dilution	0		100%		10%		1%	

FIG.24

Appl. No. 09/956,980; Group Art Unit: 1614
Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
Inventor(s): Bush *et al.*; Tel: 202/371-2600
Title: Agents for Use in the Treatment of Alzheimer's Disease

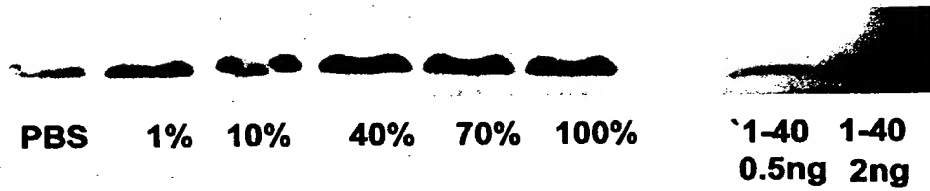


FIG.25A

206070-08695660

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Diseases

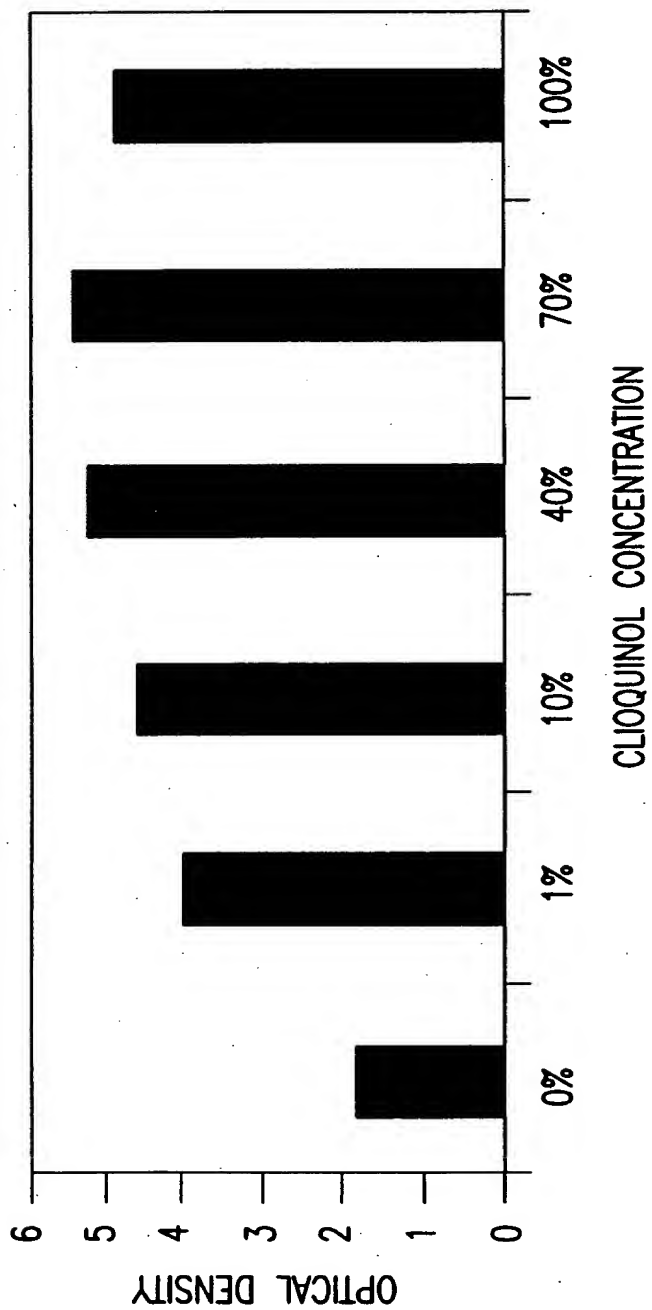


FIG. 25B

206070" 08695660

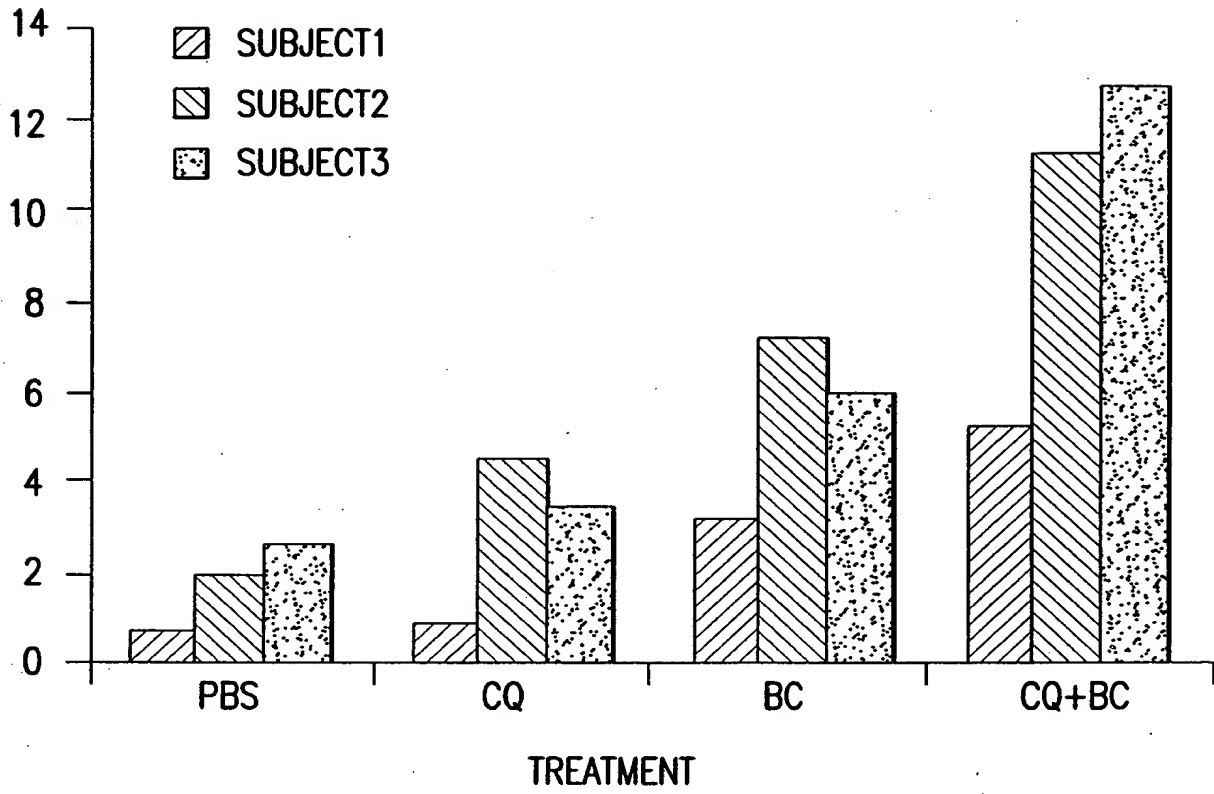


FIG.26

Appl. No. 09/956,980; Group Art Unit: 1614
Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
Inventor(s): Bush *et al.*; Tel: 202/371-2600
Title: Agents for Use in the Treatment of Alzheimer's Disease

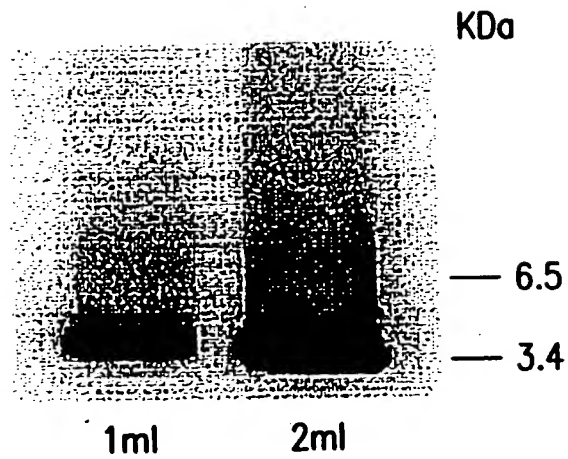


FIG.27

09956980.010902

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Diseases

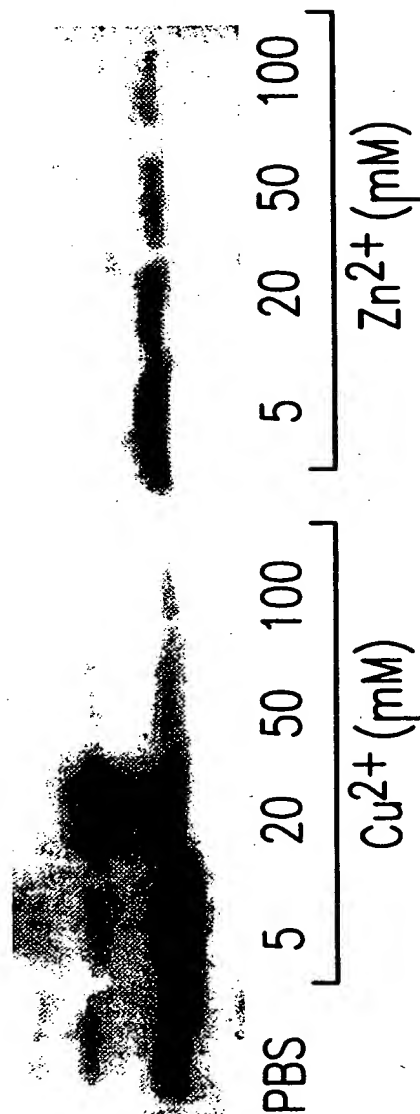
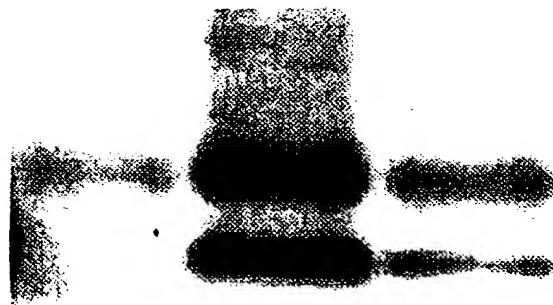


FIG.28A

206070*03695660

Appl. No. 09/956,980; Group Art Unit: 1614
Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
Inventor(s): Bush *et al.*; Tel: 202/371-2600
Title: Agents for Use in the Treatment of Alzheimer's Disease



PBS Mg²⁺ Ca²⁺

FIG.28B

206070" 08695660

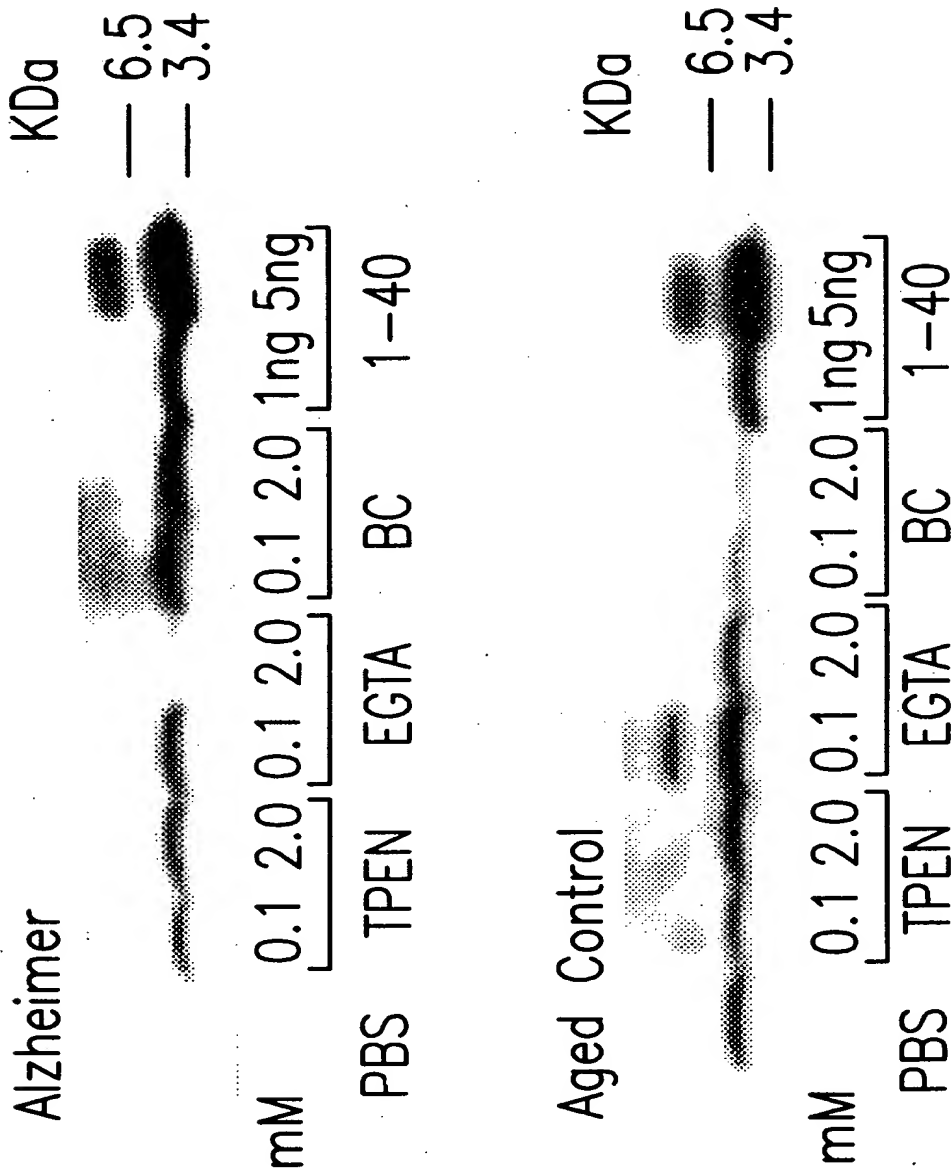


FIG. 29A

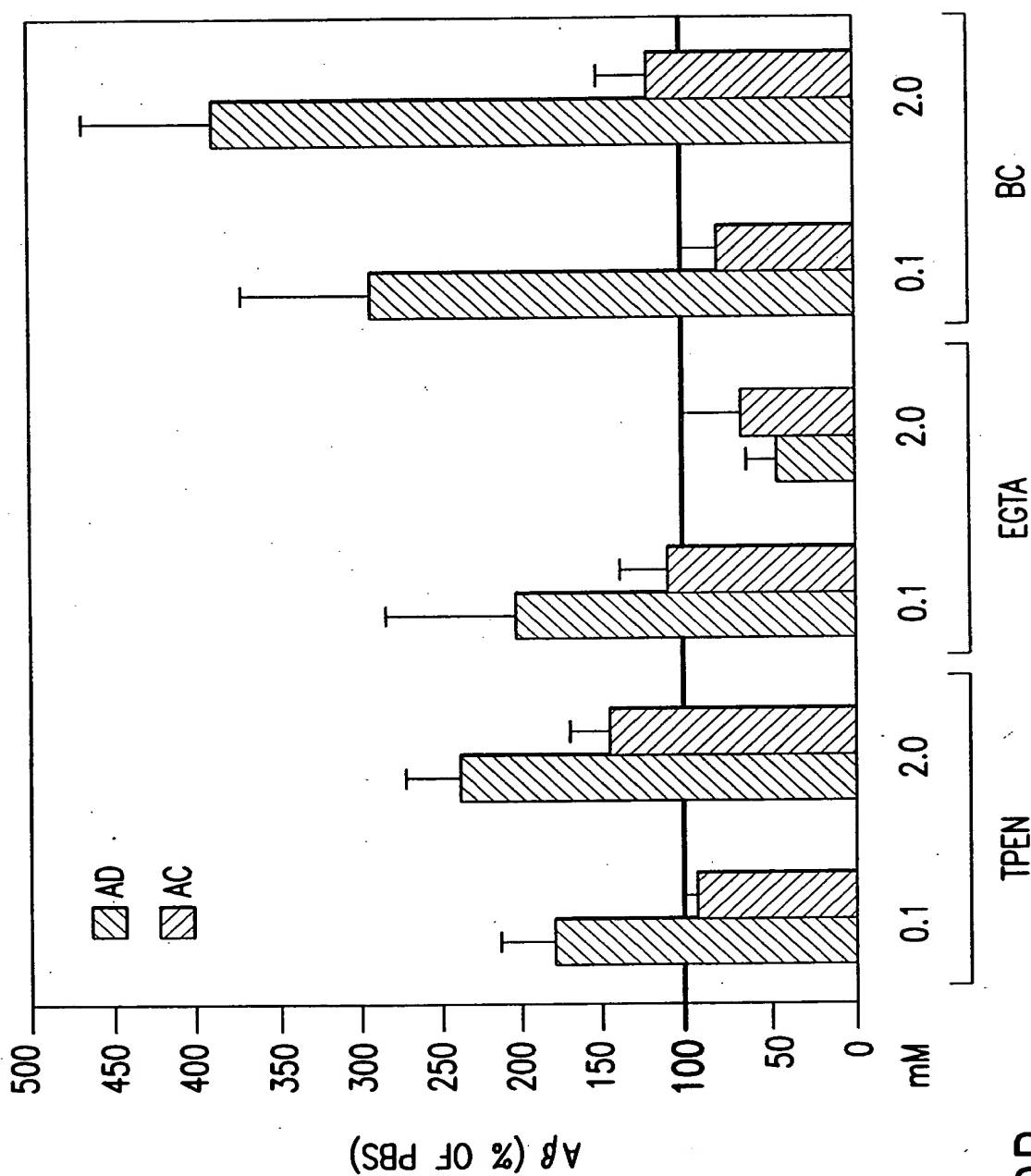


FIG.29B

206070-08695660

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

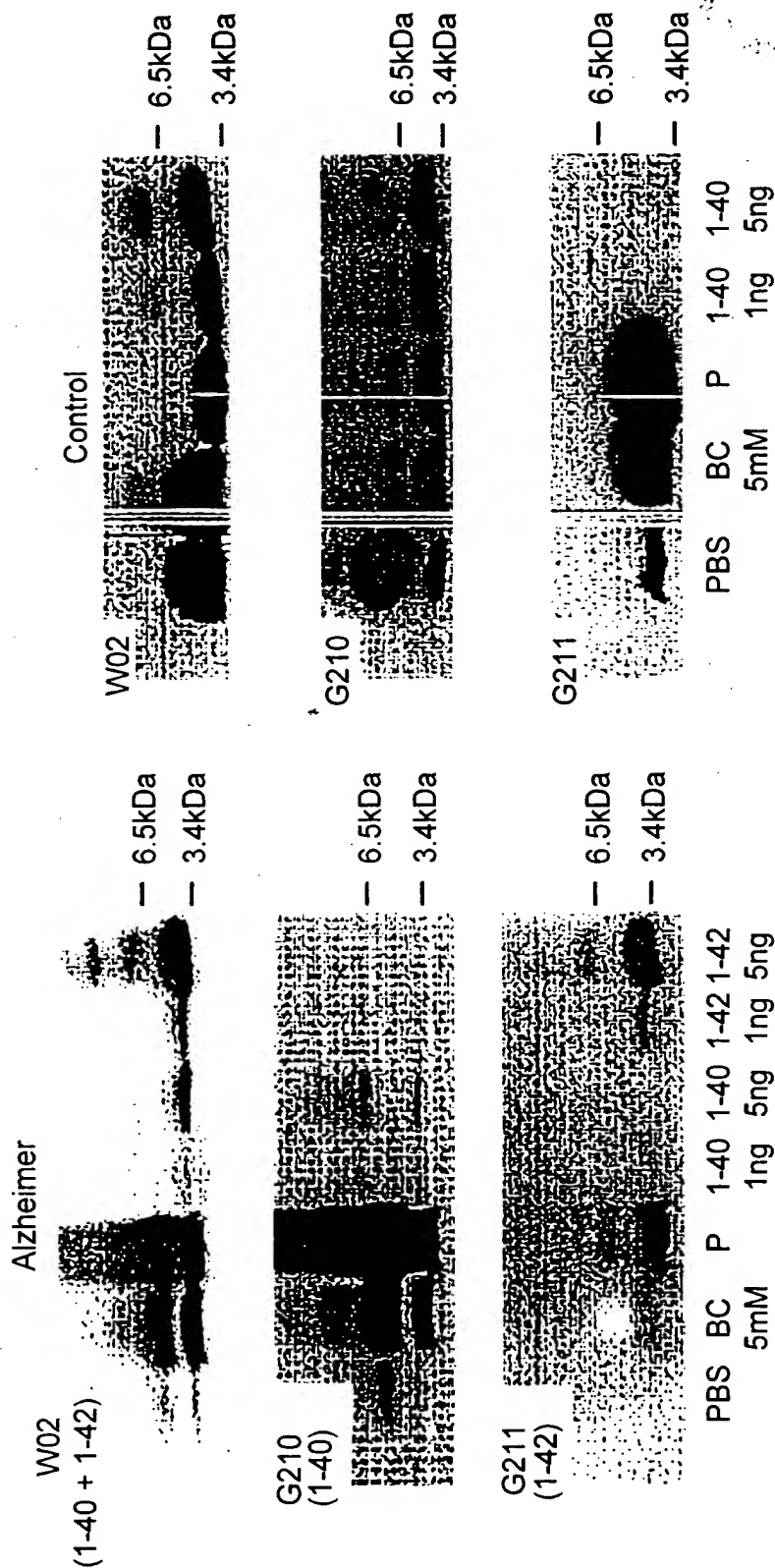


FIG.30

2060T0" 08695660

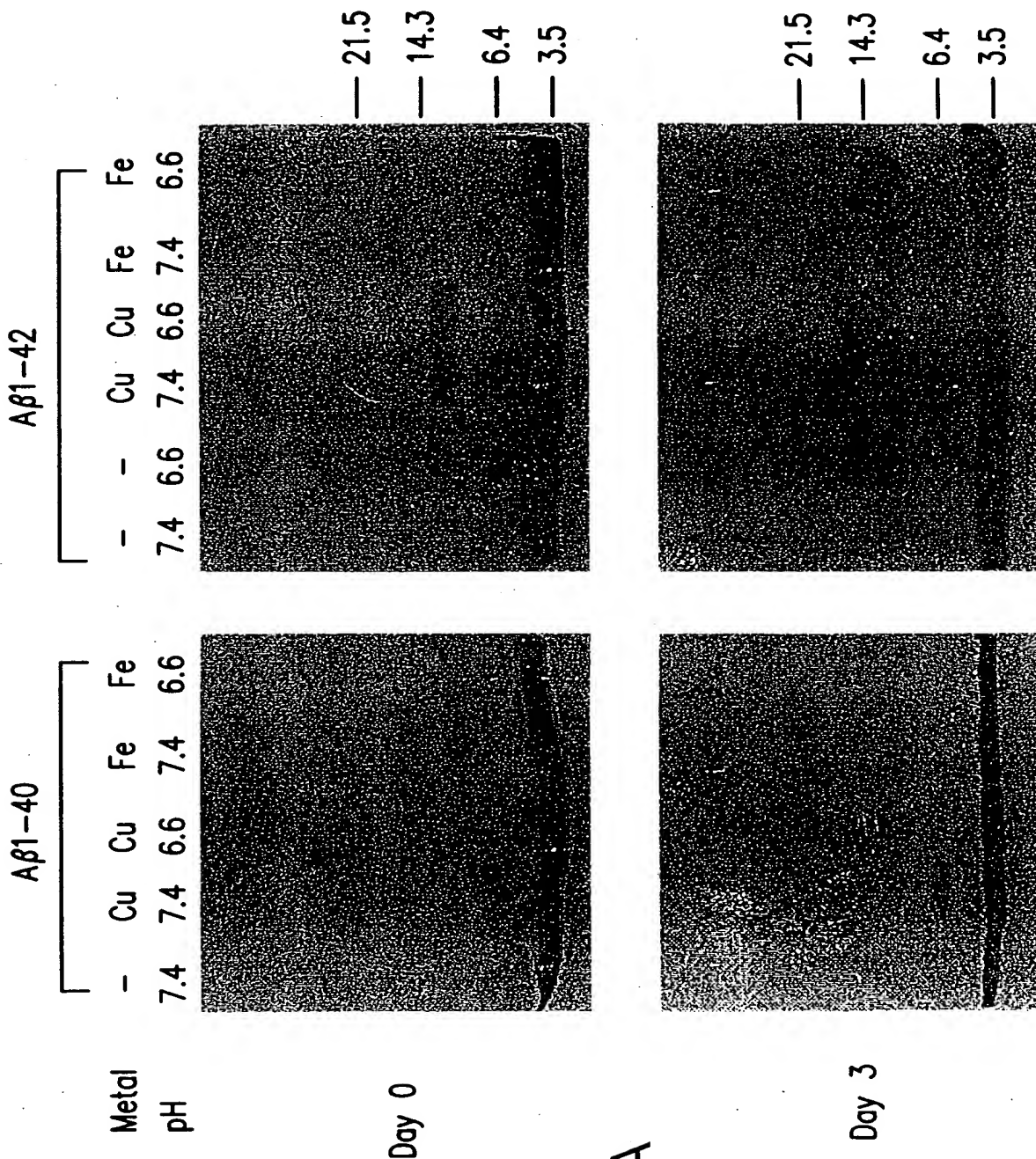


FIG.31A

206070-03695660

Rat Aβ1-40

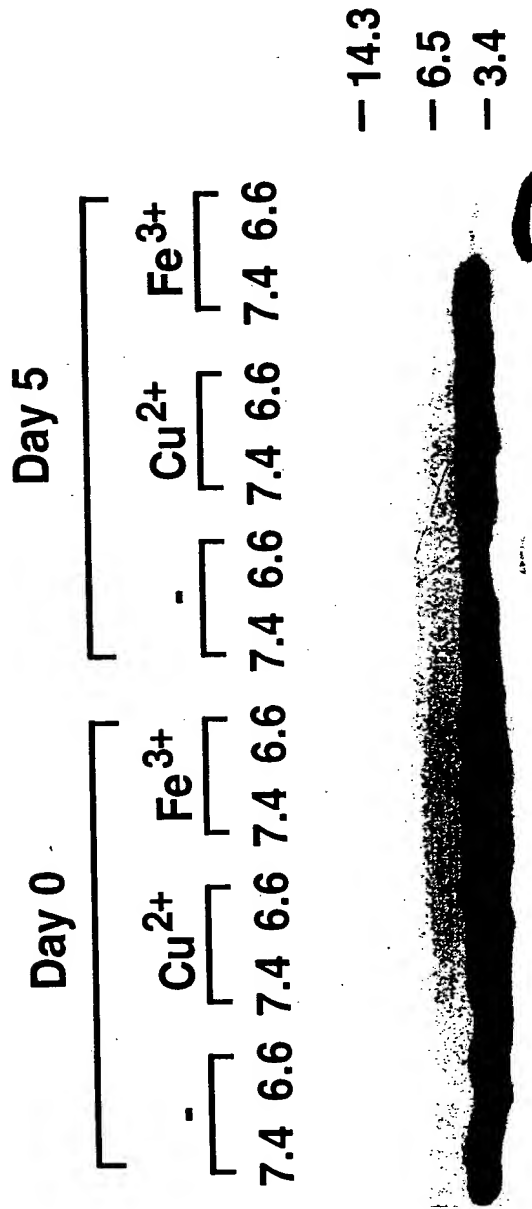


FIG.31B

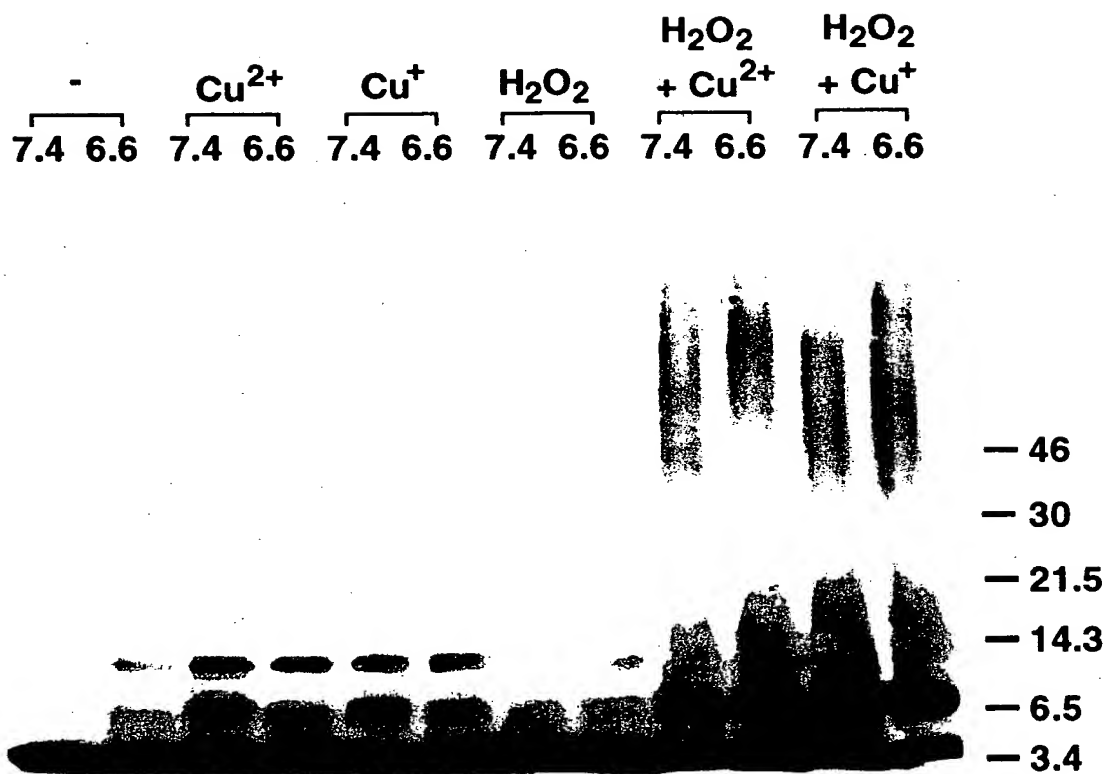


FIG.32A

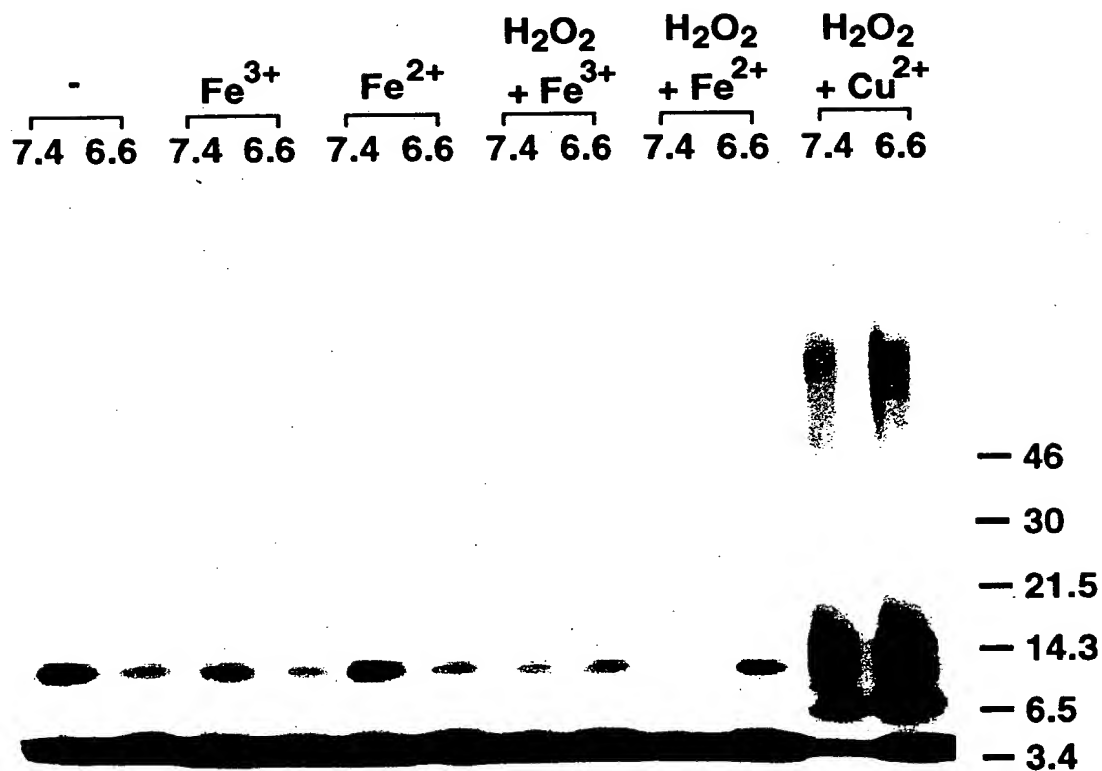


FIG.32B

09956980.010902

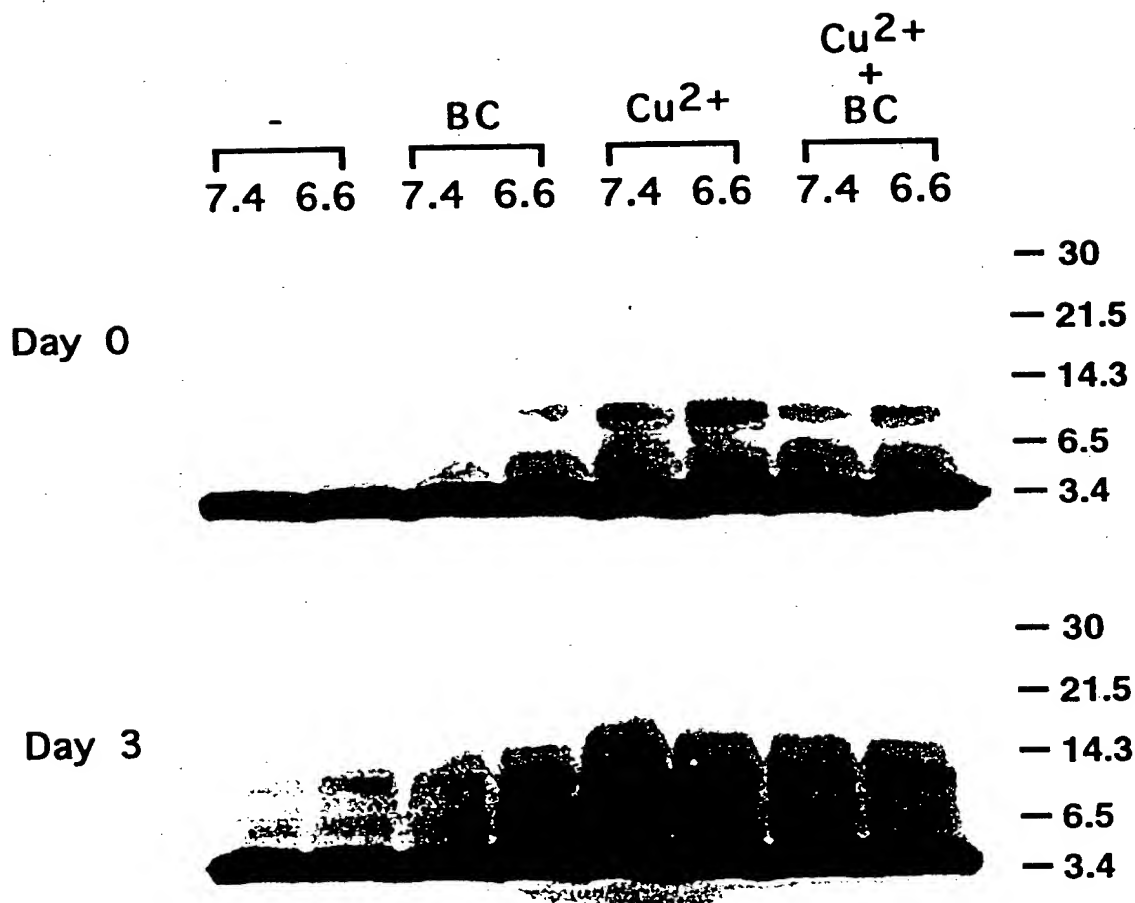


FIG.32C

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease



09956980-010902

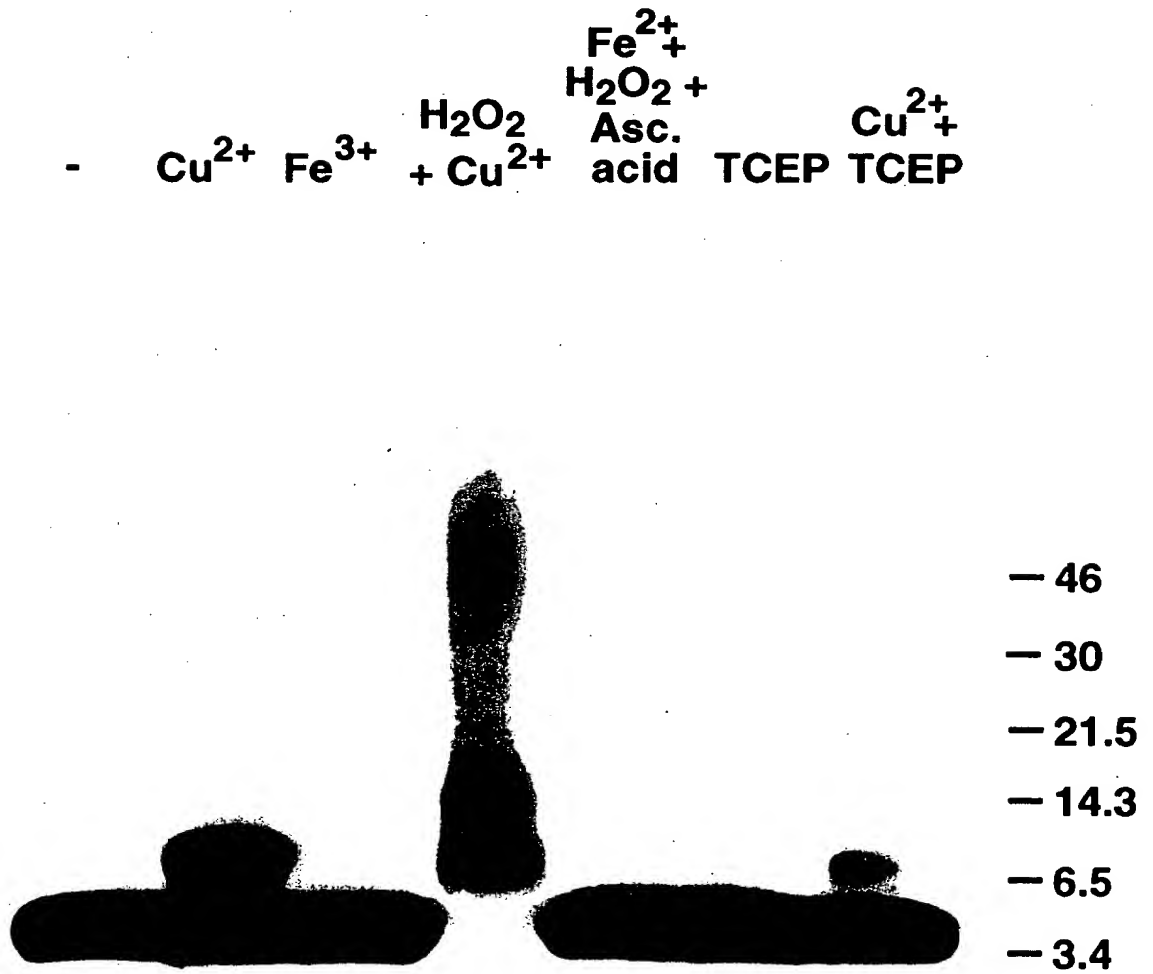


FIG.33A

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

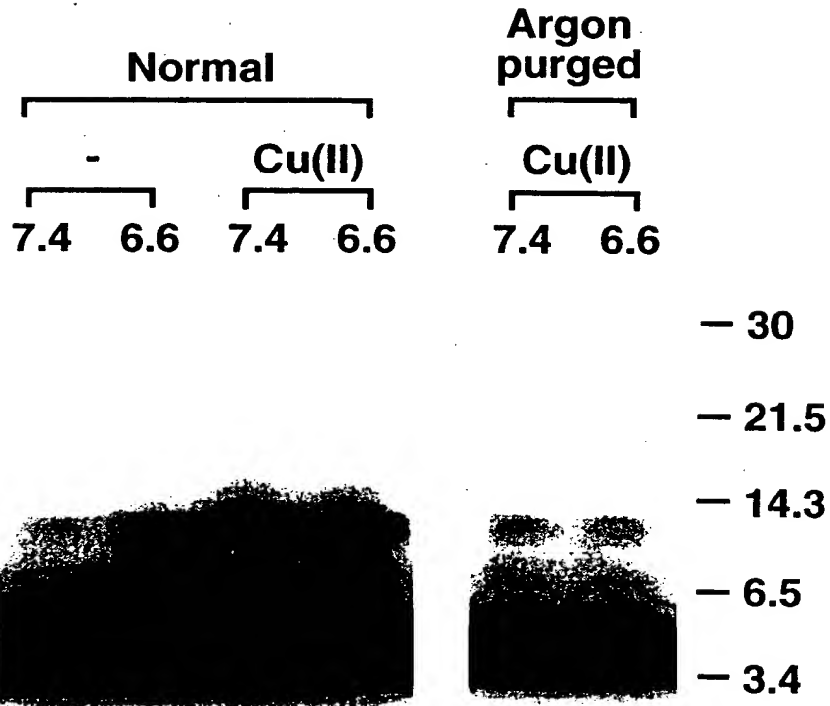
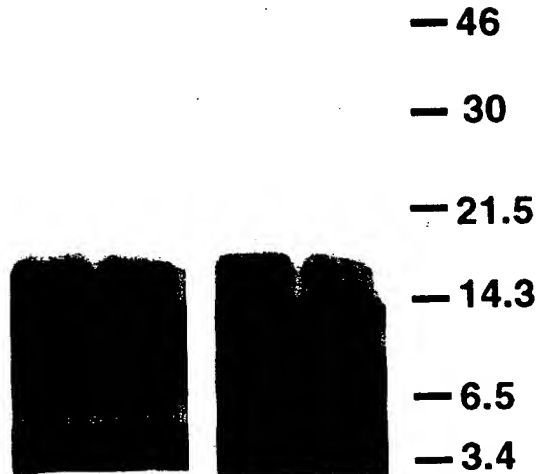
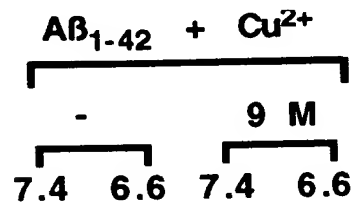


FIG.33B

Polymerization
 reaction

Urea



Polymerization
 reaction

Urea

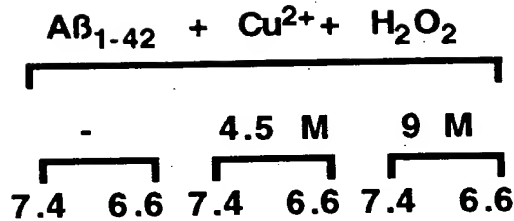


FIG.34A

09956980-010902

206070" 08695660

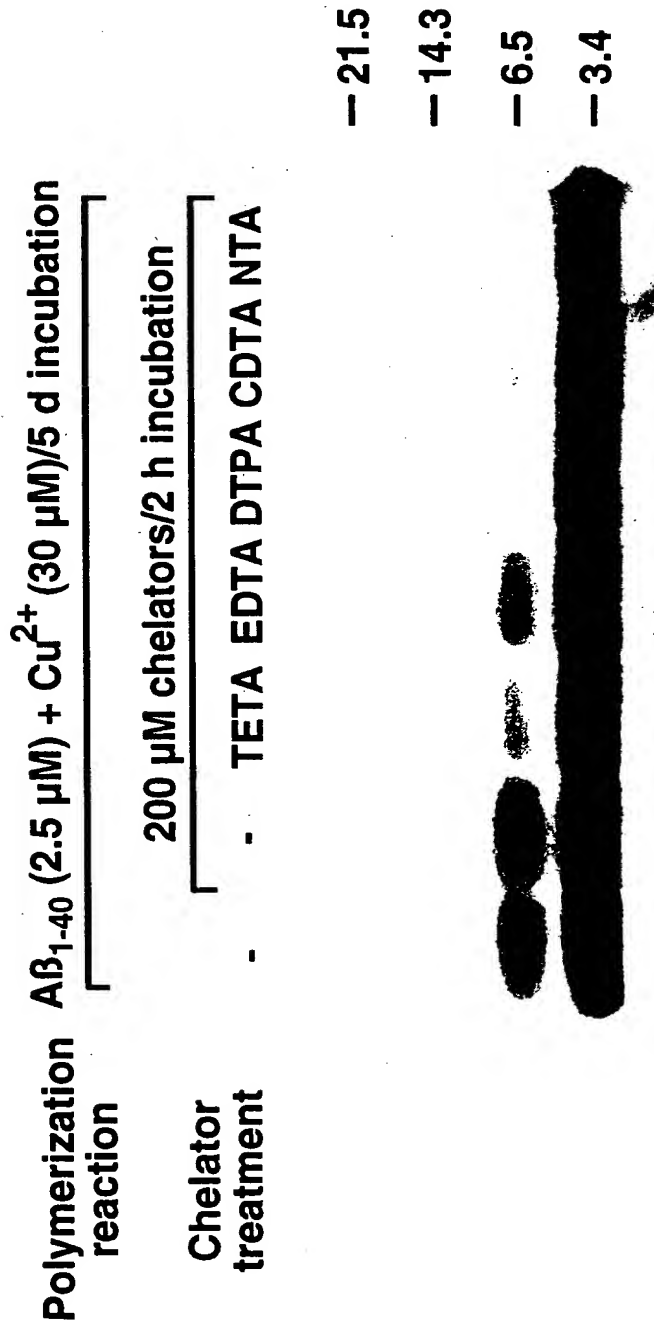


FIG. 34B

206070" 08693660

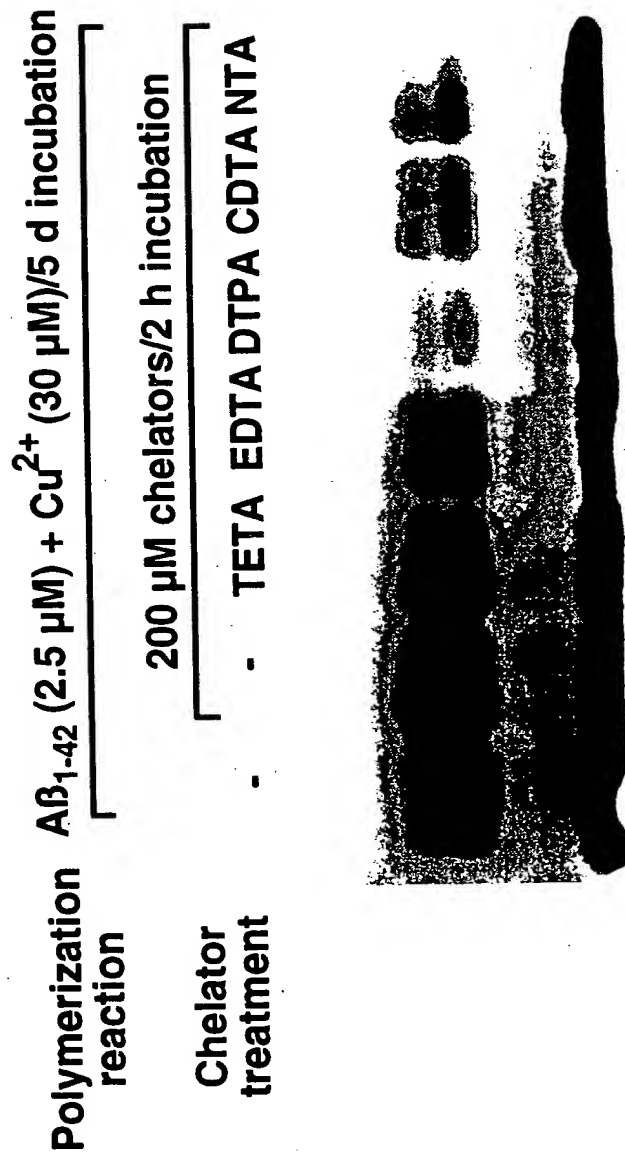


FIG. 34C

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

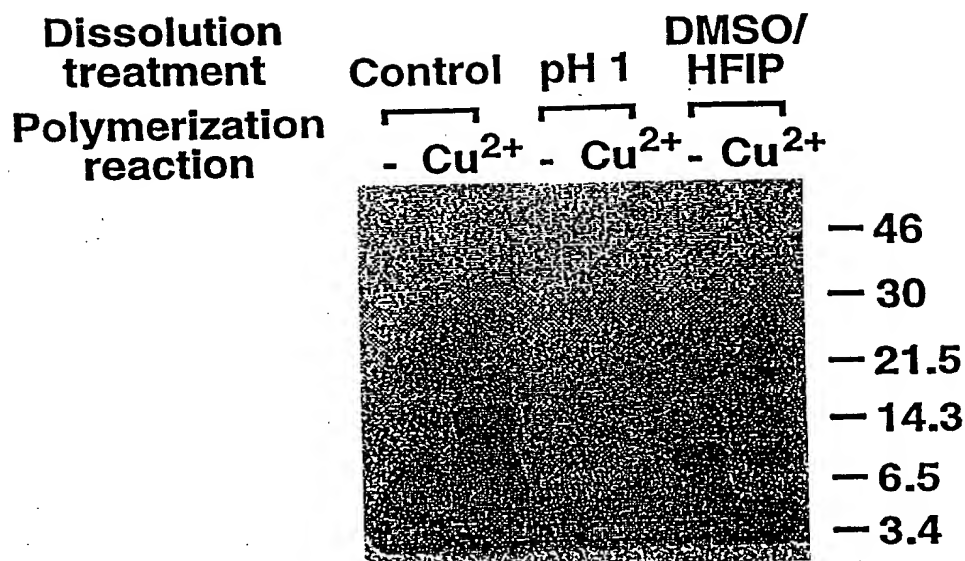


FIG.34D

206070-08695660

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

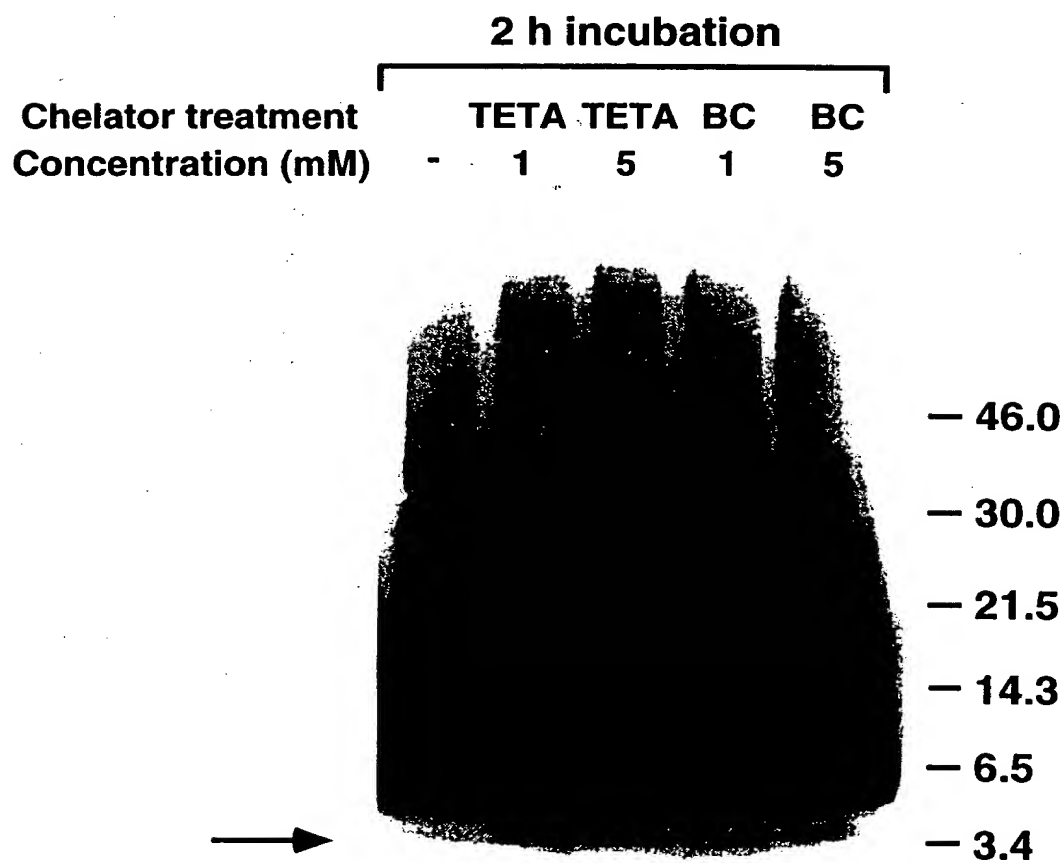


FIG.34E

206070-08695660